E N S O L U M

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

Tree Hittart

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 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Lithologic / Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation



.

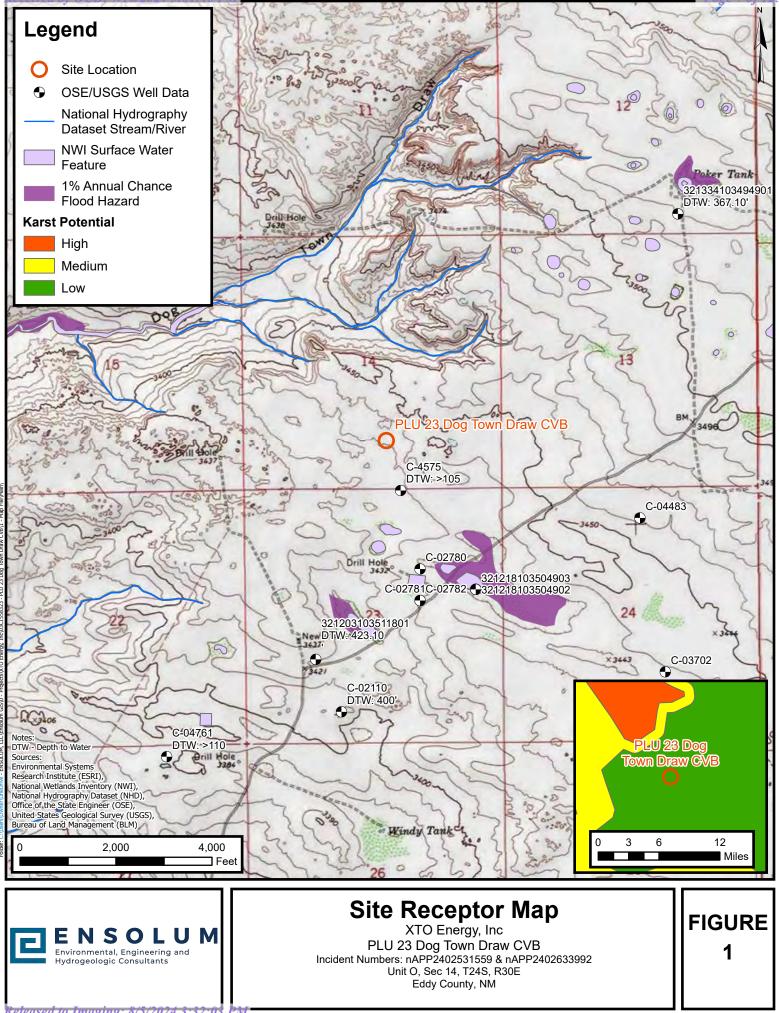


FIGURES

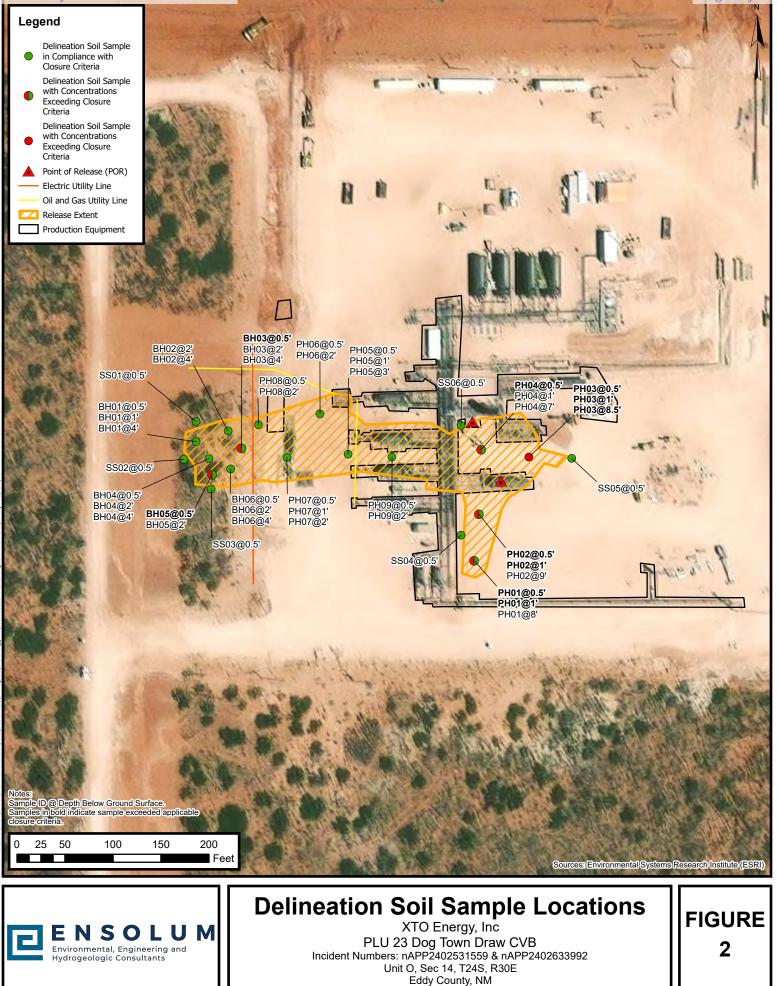
.

Received by OCD: 7/16/2024 5:01:45 PM



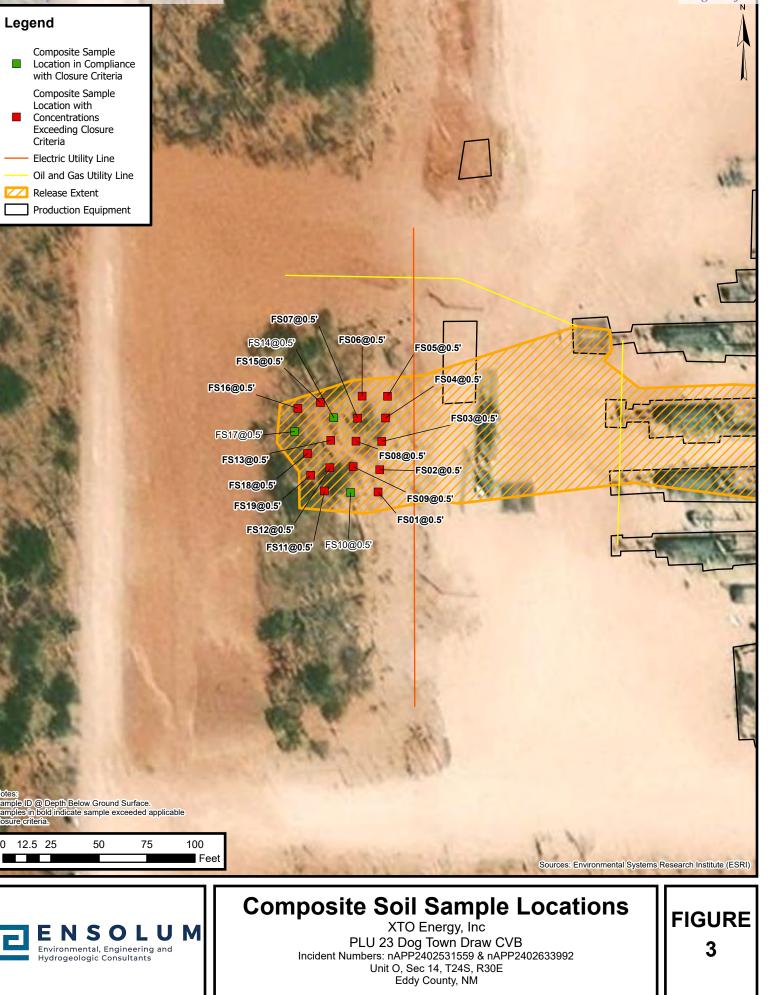


Released to Imaging: 8/5/2024 3:32:03 PM



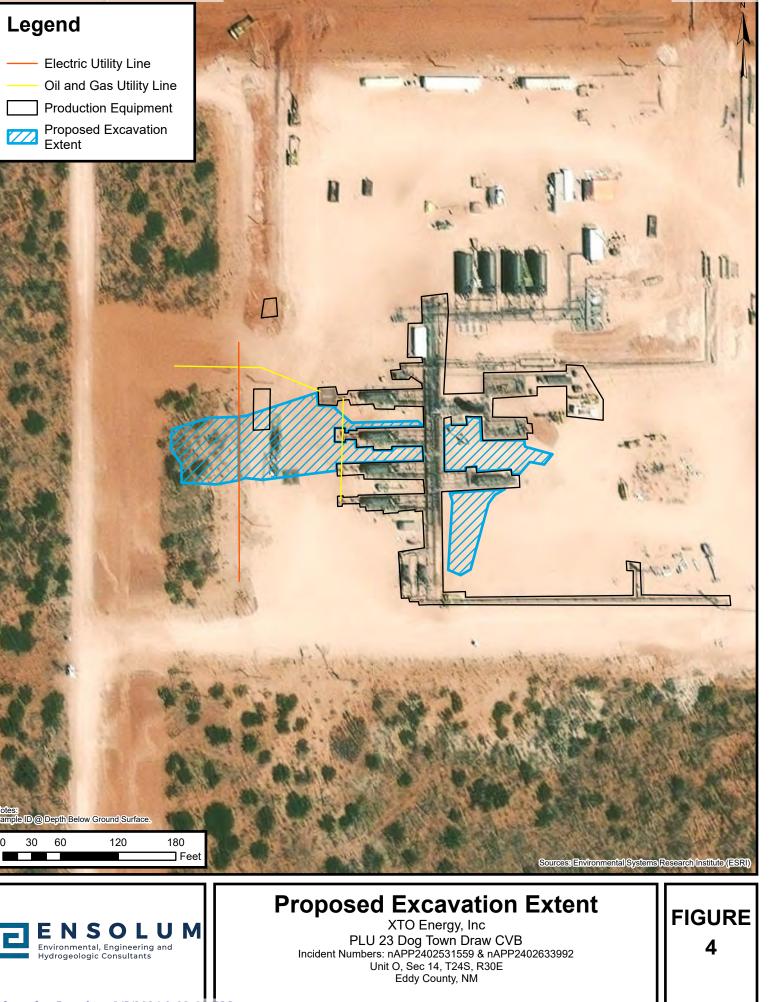
Released to Imaging: 8/5/2024 3:32:05 PM

Received by OCD: 7/16/2024 5:01:45 PM



0

Received by OCD: 7/16/2024 5:01:45 PM



n



TABLES

.

ENSOLUM

| | | | | PLU 23 | TABLE 1 LE ANALYTIC 3 Dog Town Di XTO Energy, li County, New | raw CVB nc | | | | |
|-----------------|---------------------|----------------------------|--------------------|-----------------------|--|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table I C | Closure Criteria (I | NMAC 19.15.29) | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| | | | | Deliı | neation Soil Sa | mples | | | | |
| 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 |

ENSOLUM

| | | | | PLU 23 | TABLE 1 LE ANALYTIC 3 Dog Town Di XTO Energy, In County, New | raw CVB nc | | | | |
|-----------------|--------------------|----------------------------|--------------------|-----------------------|--|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table I C | losure Criteria (I | NMAC 19.15.29) | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| 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 |
| | | | | Con | nposite Soil Sai | mples | | | | |
| 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

503

80.0

| | 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 C | 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 | | |

<10.0

442

60.5

442

Notes:

bgs: below ground surface

FS19

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

03/27/2024

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

0.5

< 0.050

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon NMAC: New Mexico Administrative Code

< 0.300

Grey text indicates soil sample removed during excavation activities

.



APPENDIX A

Referenced Well Records

PAGE 1 OF 2

MOI



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

05E DIT JAN 24 2022 PM3:00

www.ose.state.nm.us

| XT | UL OWNER NA O Energy (I | Kyle Li | | | | | | PHONE (OPTIC | DNAL) | | | | |
|-----------------------------|-------------------------------|---------|--|---------------------------|---|---------------------------|----------------|---|--|-------------|------------------------------|------------------|--|
| 1.000 | LL OWNER M.)1 Holiday H | | | | | | | CITY Midland | | STATE TX | 79707 | ZIP | |
| | WELL LOCATION FROM GPS) | | TUDE | GREES 32 103 | MINUTES 12 50 | SECONDS 38.03 58.70 | N W | ACCURACY REQUIRED: ONE TENTH OF A SECOND DATUM REQUIRED: WGS 84 | | | | | |
| | | ELATING | GITUDE G WELL LOCATION TO S R30E, NMPM | | | | | SS (SECTION, TO | WNSHJIP, RANGE) WH | IERE AVAI | LABLE | | |
| LIC | ense no. 1249 | | NAME OF LICENSED | | ckie D. Atkins | s | | | NAME OF WELL DR Atkins Eng | | MPANY Associates, I | nc. | |
| DR | ILLING START 1-4-2022 | | DRILLING ENDED 1-4-2022 | DEPTH OF COMP temporar | PLETED WELL (F y well materi | | | LE DEPTH (FT) 105 | DEPTH WATER FIRST ENCOUNTERED (FT) n/a | | | | |
| CO | MPLETED WE | LL IS: | ARTESIAN | I DRY HOLE | SHALLO | OW (UNCONFI | NED) | | STATIC WATER LEVEL IN COMPLETED WELL (F n/a | | | | |
| - | ILLING FLUID | | AIR ROTARY | MUD HAMMER | | VES – SPECIFY TOOL | _ | R - SPECIFY: | Hollo | ow Stem | Auger | | |
| DEPTH (feet bgl) FROM TO | | | BORE HOLE DIAM (inches) | (include ead | ATERIAL AN GRADE ch casing string | , and | CON | ASING NECTION TYPE | CASING INSIDE DIAM. (inches) | THIC | IG WALL CKNESS Inches) | SL SI (inc | |
| | 0 | 105 | ±8.5 | | | | ling diameter) | | | - | | | |
| | | | | | | | | | | | | | |
| | DEPTH (feet | hall | | | | | | | | | | | |
| _ | ROM | TO | BORE HOLE DIAM. (inches) | 2.00.000 | ANNULAR S | | | | AMOUNT (cubic feet) | | METHO PLACEN | | |
| | | | | | | | | | | | | _ | |

LOCATION

1

LUS-ANF.

12

WELL TAG ID NO.

| 1 | DEPTH (fe | eet bgl) | 1 | COLOR AND TYPE OF MATERIAL ENCOUNTERED - | DII JAN 24 902 | ESTIMATED |
|---------------------------------------|---|---|---------------------|---|---|--|
| | FROM | то | THICKNESS (feet) | INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | 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 Brow | vn 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 mois | st Y √N | |
| зL | 75 | 105 | 30 | Sand, very fine grained, poorly graded, Reddish Brown, slight moist | Y √N | 10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- |
| ME | | - | | | Y N | |
| 0 | | | | | Y N | |
| Š | | | 1 | | Y N | |
| | | | | | Y N | |
| 2 | | | 1 | | Y N | |
| GE | | | | | Y N | |
| HYDROGEOLOGIC LOG OF WELL | | | | | Y N | |
| H. | | | | | Y N | |
| 4 | | | | | Y N | |
| | | | | | Y N | _ |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| - | | | | | Y N | |
| | | | | | Y N | |
| H | | | | | and the rest of the Colored States | |
| | METHOD U | | STIMATE YIELI | 지수가 잘 가지 않는 것이 가지 않는 것이 같아요. 이 것이 같아요. 이 것이 같아요. 이 집에 있는 것이 없는 것이 않았다. 것이 않았다. 것이 없는 것이 않았다. 것이 없는 것 않이 | OTAL ESTIMATED /ELL YIELD (gpm): | 0.00 |
| NO | | | RESULTS - ATT | | VELL YIELD (gpm): | IETHOD, |
| EST; RIG SUPERVISION | PUMP WELL TEST | | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER T emporary well materials removed and the soil boring backfilled using d set below ground surface, then hydrated bentonite chips from ten feet be ogs adapted from WSP on-site geologist. | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface | IETHOD, D. al depth to ten to surface. |
| | PUMP WELL TEST MISCELLAN | T TEST T TEST STAF | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER OUTHER – SPECIFY: emporary well materials removed and the soil boring backfilled using determine between below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface | METHOD, D. al depth to ten to surface. |
| s. | PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI | TE(S) OF E dge, Came | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER C emporary well materials removed and the soil boring backfilled using det below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below adapted from WSP on-site geologist. RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUE Files THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECOMPLETION OF WELL DRILLING: | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS CORD WITH THE STA | AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND |
| 6. SIGNATURE 5. TEST; RIG SUPERVISION | PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI | TEST TEST STAF NEOUS IN IE(S) OF E Ige, Came RSIGNED CECORD C ERMIT HO Atkin | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER C emporary well materials removed and the soil boring backfilled using det below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below adapted from WSP on-site geologist. RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUE Files THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECOMPLETION OF WELL DRILLING: Jackie D. Atkins | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS SORD WITH THE STA 1/21/2022 | AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND |
| SIGNATURE 5. | PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI | TEST TEST STAF NEOUS IN IE(S) OF E Ige, Came RSIGNED CECORD C ERMIT HO Atkin | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER C emporary well materials removed and the soil boring backfilled using det below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below adapted from WSP on-site geologist. RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUE Files THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECOMPLETION OF WELL DRILLING: | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS CORD WITH THE STA | AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND |
| 6. SIGNATURE 5. | PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI | TE(S) OF D dge, Came RSIGNED RECORD C ERMIT HO SIGNAT | AIR LIFT | BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER Content of the solid boring well testing, including the solid boring backfilled using discrete below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from | VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS SORD WITH THE STA 1/21/2022 | AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND TE ENGINEER |

OSE_Well Record and Log_-forsign

Final Audit Report

| Created: | 2022-01-21 |
|-----------------|--|
| By: | Lucas Middleton (lucas@atkinseng.com) |
| Status: | Signed |
| Transaction ID: | CBJCHBCAABAAHFW29aZiQH1D931B0LxyAz3o1wYi88ri |
| | |

"OSE_Well Record and Log_-forsign" History

- 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

OSE 011 JAN 24 2022 PM3:00

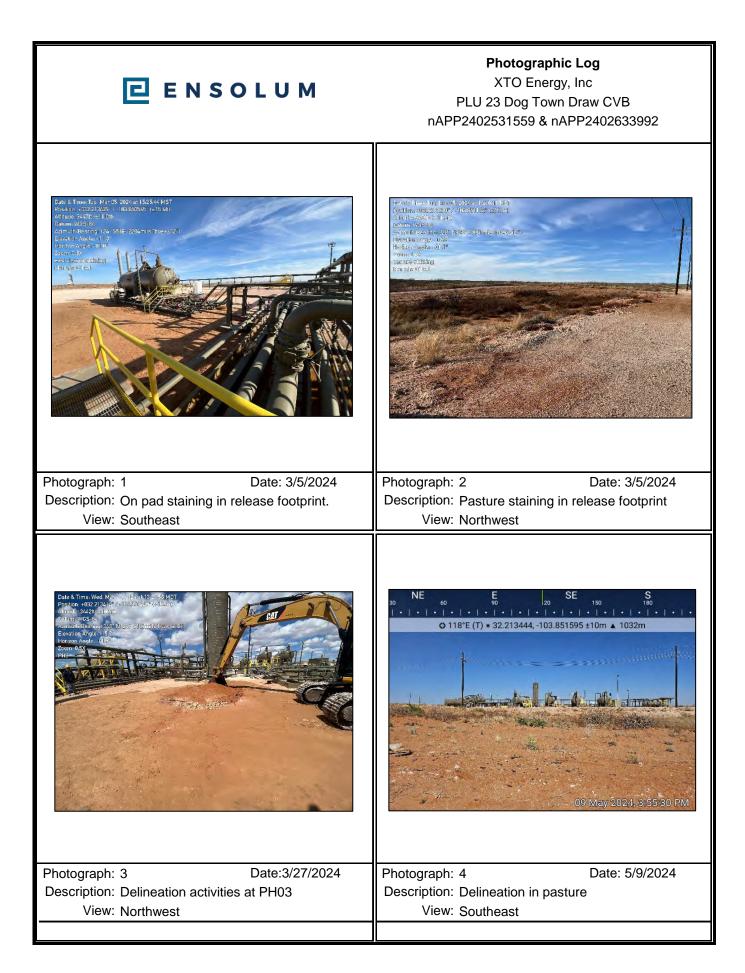
2022-01-22





APPENDIX B

Photographic Log





APPENDIX C

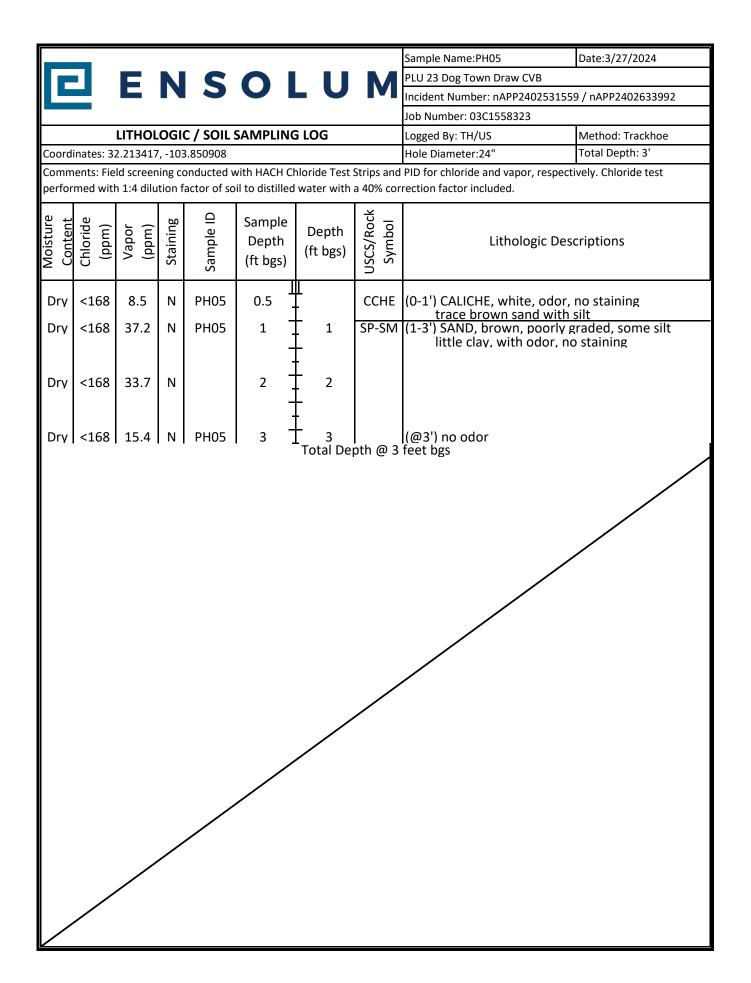
Lithologic Soil Sampling Logs

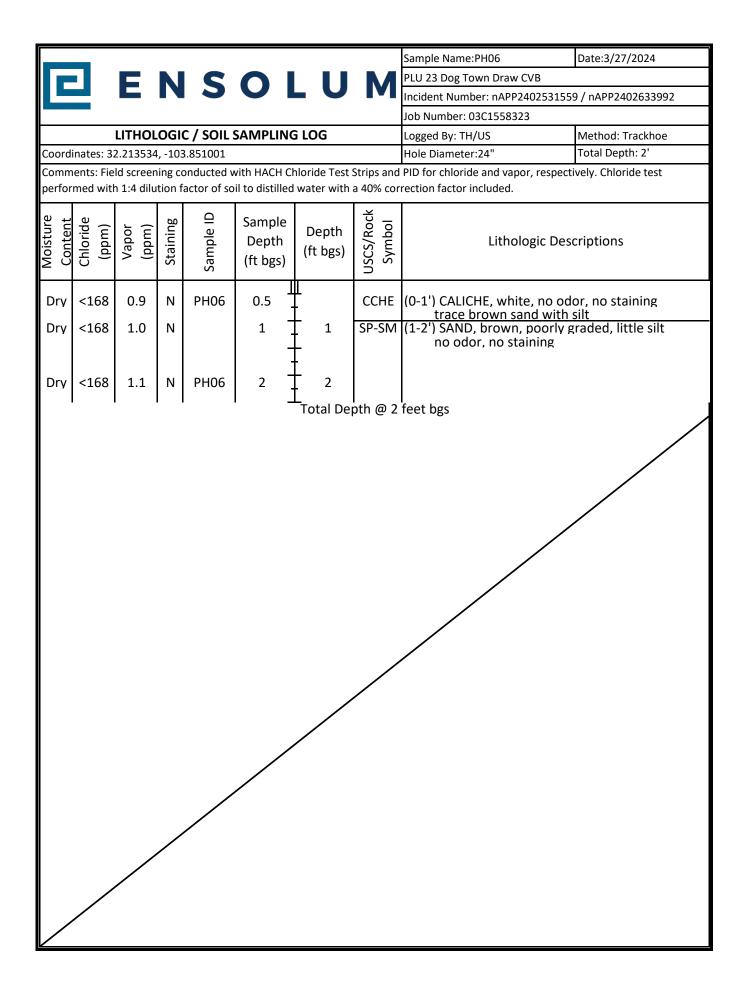
| | | | | | | | Converte Name - DUO4 | D-+2/27/2024 |
|---------------------------------|----------------|-------------------|-----------|-----------------------------|-------------------|---------------------|---|-------------------------------------|
| | | | | | | | Sample Name:PH01 | Date:3/27/2024 |
| | E | | IS | ΟΙ | LU | Μ | PLU 23 Dog Town Draw CVB Incident Number: nAPP24025315 | |
| | | | | | | | | 559/ NAPP2402033992 |
| | | | | | | | Job Number: 03C1558323 | Mathead T 11 |
| Constant | | | - | SAMPLING | 3 LUG | | Logged By: TH/US | Method: Trackhoe Total Depth: 8' |
| Coordinate | | | | | hlavida Tast | Chuim a la mal | Hole Diameter:24" PID for chloride and vapor, respe | • |
| | | - | | | | | rection factor included. | ctively. Chionde test |
| Moisture Content Chloride | (ppm) Vapor | (ppm) Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic De | escriptions |
| Dry <1 | 62 465 | .2 N | PH01 | 0.5 | 11 - | CCHE | (0-1') CALICHE, white, odo | r, no staining |
| Dry <1 | 62 107 | '5 N | PH01 | 1 _ | 1 | SP-SM | (1-8') SAND, brown, poorly with odor, no staining | graded, little silt |
| Dry <1 | 62 87. | 3 N | | 2 | 2 | | | |
| Dry <1 | 62 165 | .3 N | | 3 _ | 3 | | | |
| Dry 10 | 52 525 | .2 N | | 4 | 4 | | | |
| Dry <1 | 62 302 | .6 N | | 5 | 5 | | | |
| Dry <1 | 62 767 | .8 N | | 6 | 6 | | | |
| Dry <1 | 62 397 | .3 N | | 7 | 7 | | | |
| Dry <1 | 62 69. | 1 N | PH01 | 8 | 8 Total De | pth @ 8 | (@8') no odor feet bgs | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| 1 | | _ | | | | | | Sample Name:PH02 | Date:3/27/2024 |
|---------------------|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|--|-------------------------------------|
| | | E | N | S | ΟΙ | | M | PLU 23 Dog Town Draw CVB Incident Number: nAPP2402531 | FF0 / ABB2402622002 |
| | | | | | | | | | 559 / NAPP2402633992 |
| | | | | | | | | Job Number: 03C1558323 | |
| C | | | | - | SAMPLING | 5 LUG | | Logged By: TH/US | Method: Trackhoe Total Depth: 9' |
| | | | | 8.850468 | | le viele Teet (| Chuima and | Hole Diameter:24" PID for chloride and vapor, respe | |
| | | | - | | | | | rection factor included. | ectively. Chionde test |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic D | escriptions |
| Dry | <162 | 1069 | Ν | PH02 | 0.5 | L - | CCHE | (0-1') CALICHE, white, odo | r, no staining |
| Dry | <162 | 1351 | N | PH02 | 1 - | 1 | SP-SM | (1-9') SAND, brown, poorly with odor, no staining | y graded, little silt g |
| 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 Total Dej | pth @ 9 | (@9') no odor feet bgs | |
| | | | | | | | | | |

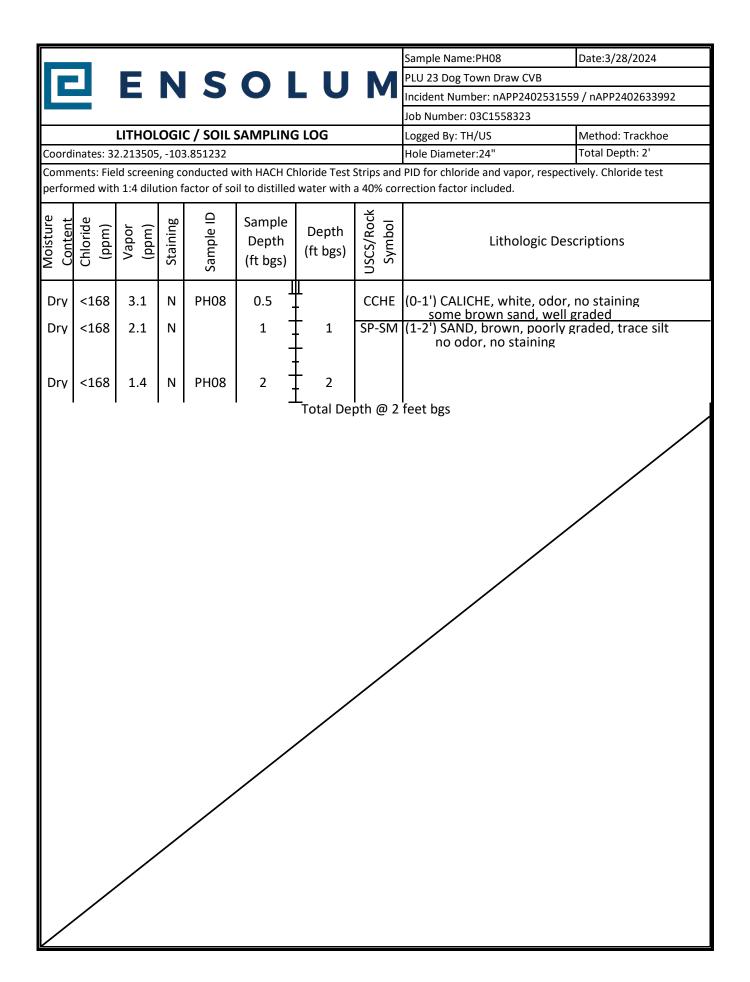
| | | | | | | | | Comple Name: DUO2 | Data: 2/27/2024 |
|---------------------|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|---|---------------------------------------|
| | | | | | | | | Sample Name:PH03 | Date:3/27/2024 |
| | | E | N | S | ΟΙ | | M | PLU 23 Dog Town Draw CVB Incident Number: nAPP2402531! | EEQ / nADD2402622002 |
| | | | | | | | | | 559 / NAPP2402633992 |
| | | | | | | | | Job Number: 03C1558323 | Master de Trachile a |
| Caardi | | | | - | SAMPLING | 3 LUG | | Logged By: TH/US Hole Diameter:24" | Method: Trackhoe Total Depth: 8.5' |
| | | | | 8.850298 | | alorido Tost | Ctring and | PID for chloride and vapor, respe | |
| | | | - | | | | | rection factor included. | chively. Chionde test |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic De | escriptions |
| Dry | <162 | 523 | Ν | PH03 | 0.5 <u> </u> | Щ. - | CCHE | (0-1') CALICHE, white, odo | r, no staining |
| Dry | <162 | 1532 | Ν | PH03 | 1 _ | . 1 | SP-SM | (1-8.5') SAND, brown, poo 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 | Ν | PH03 | 8.5 | 8.5 Total Dep | th @ 8.5 | (@8.5') trackhoe hit refusa feet bgs | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | D |
|---------------------|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|---|------------------------|
| 1 | | _ | | | | | | Sample Name:PH04 | Date:3/27/2024 |
| | | E | N | S | ΟΙ | | M | PLU 23 Dog Town Draw CVB | CO / ~ ADD2 402 C22002 |
| | | | | | | | | Incident Number: nAPP24025315 | 59 / nAPP2402633992 |
| | | | 000 | | | | | Job Number: 03C1558323 | |
| | | | | - | SAMPLING | LOG | | Logged By: TH/US | Method: Trackhoe |
| | | | | 8.850459 | | | <u></u> | Hole Diameter:24" | Total Depth: 7' |
| | | | - | | | | | PID for chloride and vapor, respec rection factor included. | tively. Chloride test |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Des | scriptions |
| Dry | <168 | 919.8 | Ν | PH04 | 0.5 | <u> </u> - | CCHE | (0-1') CALICHE, white, odor, | , no staining |
| Dry | <168 | 68.7 | Ν | PH04 | 1 _ | 1 | SP-SM | (1-7') SAND, brown, poorly with odor, no staining | graded, little silt |
| 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 | Ν | | 5 _ | 5 | | | |
| Dry | <168 | 101.4 | N | | 6 | 6 | | | |
| Dry | <168 | 86.7 | N | PH04 | 7 | 7 Total De | pth @ 7 | feet bgs | |
| | | | | | | | | | |
| | | | | | | | | | |





| | | | | | | | Data: 2/27/2024 |
|--|-------------------|-----------|-----------------------------|---------------------|---------------------|--|-----------------------------------|
| | | | | | | Sample Name:PH07 | Date:3/27/2024 |
| | : N | S | ΟΙ | | Μ | PLU 23 Dog Town Draw CVB Incident Number: nAPP240253155 | a / nADD2402622002 |
| | | | - | | | Job Number: 03C1558323 | 2 / 11AFFZ4UZUSS332 |
| | | | AMPLING | | | | Method: Trackhoe |
| Coordinates: 32.21 | | - | AWFLING | 100 | | Logged By: TH/US Hole Diameter:24" | Total Depth: 2' |
| | - | | | lorido Tost (| String and | PID for chloride and vapor, respect | |
| | - | | | | | rection factor included. | very. Chionae test |
| Moisture <u>Content</u> Chloride (ppm) Vapor | (ppm) Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Des | criptions |
| Dry <168 51 | 1.2 N | PH07 | 0.5 | L - | CCHE | (0-1') CALICHE, white, no od trace brown silt | or, no staining |
| Dry <168 15 | 50.2 N | PH07 | 1 | 1 | SP-SM | (1-2') SAND, brown, poorly g some caliche, no odor, | raded, little silt no staining |
| Dry <168 4 | 1.0 N | PH07 | 2 | 2 2 Total Dep | | (@2') SAND, brown, poorly g no odor, no staining | raded, little silt, |
| | | | | | | | |



| LITHO Coordinates: 32.21340 Comments: Field scree | Staining conducted w ution factor of so Samble ID Samble S | SAMPLING | LOG | Strips and | Sample Name:PH09 PLU 23 Dog Town Draw CVB Incident Number: nAPP2402531559 Job Number: 03C1558323 Logged By: TH/US Hole Diameter:12" PID for chloride and vapor, respecti rection factor included. Lithologic Desc | Method: Shovel Total Depth: 2' |
|--|---|--|--|-------------------------|---|-----------------------------------|
| LITHO Coordinates: 32.21340 Comments: Field scree performed with 1:4 dilt buy choose and construct performed with 1:4 dilt and construct buy choose and construct construct construct construct construct construct construct construct construct cons | N PH09 | SAMPLING vith HACH Ch il to distilled Sample Depth (ft bgs) | i LOG Iloride Test S water with a Depth | Strips and a 40% cor | Incident Number: nAPP2402531559 Job Number: 03C1558323 Logged By: TH/US Hole Diameter:12" PID for chloride and vapor, respecti rection factor included. | Method: Shovel Total Depth: 2' |
| LITHO Coordinates: 32.21340 Comments: Field scree performed with 1:4 dilt buy choose and construct performed with 1:4 dilt and construct buy choose and construct construct construct construct construct construct construct construct construct cons | N PH09 | SAMPLING vith HACH Ch il to distilled Sample Depth (ft bgs) | i LOG Iloride Test S water with a Depth | Strips and a 40% cor | Job Number: 03C1558323 Logged By: TH/US Hole Diameter:12" PID for chloride and vapor, respecti rection factor included. | Method: Shovel Total Depth: 2' |
| Coordinates: 32.21340 Comments: Field scree performed with 1:4 dilu an tien of the content of th | N PH09 | vith HACH Ch il to distilled Sample Depth (ft bgs) | loride Test S water with a Depth | a 40% cor | Logged By: TH/US Hole Diameter:12" PID for chloride and vapor, respecti rection factor included. | Total Depth: 2' |
| Coordinates: 32.21340 Comments: Field scree performed with 1:4 dilu an tien of the content of th | N PH09 | vith HACH Ch il to distilled Sample Depth (ft bgs) | loride Test S water with a Depth | a 40% cor | Hole Diameter:12" PID for chloride and vapor, respecti rection factor included. | Total Depth: 2' |
| Comments: Field scree performed with 1:4 dilu Moistnue Uno Culouride Dry <168 27.7 Dry <168 6.0 | N PH09 | il to distilled Sample Depth (ft bgs) | water with a Depth | a 40% cor | PID for chloride and vapor, respecti rection factor included. | |
| performed with 1:4 dill au Line and Content Content Con | ution factor of so Ctaining Sample ID Sample N PH09 | il to distilled Sample Depth (ft bgs) | water with a Depth | a 40% cor | rection factor included. | |
| Dry <168 27.7 Dry <168 6.0 | N PH09 | Depth (ft bgs) | - | SCS/Rock Symbol | Lithologic Dec | |
| Dry <168 6.0 | | 0.5 | | ŝ | | criptions |
| | N | | L - | CCHE | (0-1') CALICHE, white, odor, | |
| Dry <168 3.9 | | 1 | 1 | SP-SM | some brown silt, well gra (1-2') SAND, brown, poorly g with odor, no staining | ided raded, trace silt |
| | N PH09 | 2 | 2 | | (@2') no odor, some silt | |
| 1 | | I J | Total Dep | oth @ 2 | feet bgs | I |
| | | | | | | |

| li | | | | | | | | | 1 | |
|---------------------|--|-----|---|----------|----------|--------------------------|--------------------|--|------------------------------|--|
| | | | | | | | | Sample Name:BH01 | Date:5/9/2024 | |
| | | F | N | S | ΟΙ | PLU 23 Dog Town Draw CVB | | | | |
| | | | | | | | | | | |
| | | | | | | | | Job Number: 03C1558323 | | |
| | | | | - | SAMPLING | Logged By: US | Method: Hand Auger | | | |
| | | | | 3.851419 | | Hole Diameter:3" | Total Depth: 4' | | | |
| | | | - | | | | | PID for chloride and vapor, respe rection factor included. | ctively. Chloride test | |
| Moisture Content | Content Chloride (ppm) (| | | | | | | Lithologic De | escriptions | |
| Dry | <162 | 0.0 | Ν | BH01 | 0.5 | L - | SP | (0-3') SAND, dark brown, fi no odor | ne grained, trace silt | |
| 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 browr no odor | n, fine grained, little clay | |
| Dry | <162 | 0.0 | Ν | BH01D | 4 | 4 | SC | (@4') some clay | | |
| | | | | | _ | - Total Dej | oth @ 4 | feet bgs | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | Comple Name BLIO2 | Date:5/9/2024 | | |
|---|----------------|----------|-----------|-----------------------------|--|-----------------|-----------------------------------|-----------------------------|--|--|
| | _ | | | | | | Sample Name:BH02 | Date:5/9/2024 | | |
| | E | N | S | ΟΙ | PLU 23 Dog Town Draw CVB Incident Number: nAPP2402531559 / nAPP2402633992 | | | | | |
| a second second second | | | | _ | Job Number: 03C1558323 | | | | | |
| | | 061 | | SAMPLING | | | Logged By: US Method: Hand Auger | | | |
| Coordinates: 3 | | | | | 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) | Lithologic Des | scriptions | | | | |
| Dry <162 | 0.0 | Ν | BH02 | 0.5 | L - | SP | (0-3') SAND, dark brown, fir | ne grained, trace silt | | |
| Dry <162 | 0.0 | Ν | | 1 - | 1 | | | | | |
| | | | | | | | | | | |
| Dry <162 | 0.0 | N | BH02B | 2 | 2 | | | | | |
| Dry <162 | 0.0 | Ν | | 3 _ | 3 | SP-SC | (3-4') SAND, reddish brown, | , fine grained, little clay | | |
| Dry <162 | 0.3 | Ν | BH02D | 4 | 4 | SC | (@4') CLAYEY SAND, brown, no odor | | | |
| | | | | _ | - Total Der | oth @ 4 | feet bgs | J | | |
| Total Depth @ 4 feet bgs | | | | | | | | | | |

| | | | | | | | Comple Name PLIC2 | Date:5/9/2024 | | |
|--|----------------|----------|-----------|-----------------------------|--|-----------------|--|---------------------------|--|--|
| | _ | | | | | | Sample Name:BH03 PLU 23 Dog Town Draw CVB | Date:5/9/2024 | | |
| | E | N | S | ΟΙ | Incident Number: nAPP2402531559 / nAPP2402633992 | | | | | |
| Concession of the local division of the loca | | | - | - | Job Number: 03C1558323 | | | | | |
| | | 061 | | SAMPLING | | | Logged By: US Method: Hand Auger | | | |
| Coordinates: 3 | | | - | | 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) | Lithologic Descriptions | | | | | |
| Dry <162 | 8.7 | Ν | BH03 | 0.5 | L - | SP | (0-3') SAND, dark brown, fin | e grained, trace silt | | |
| Dry <162 | 4.0 | Ν | | 1 | 1 | | | | | |
| | | | | _ | - | | | | | |
| Dry <162 | 1.6 | N | BH03B | 2 _ | 2 | | | | | |
| Dry <162 | 0.8 | Ν | | 3 | 3 | SP-SC | (3-4') SAND, reddish brown, | fine grained, little clay | | |
| Dry <162 | 0.8 | Ν | BH03D | 4 | 4 | SC | (@4') CLAYEY SAND, brown, no odor | | | |
| | | | | - | - Total Der | oth @ 4 | feet bgs | | | |
| Total Depth @ 4 feet bgs | | | | | | | | | | |

| | - | | _ | | | | | Sample Name:BH04 | Date:5/9/2024 | |
|---------------------|-------------------|--|---|----------|----------|--------------------------|--------------------|---|-------------------------------|--|
| | | F | N | S | ΟΙ | PLU 23 Dog Town Draw CVB | | | | |
| | | | | | | | | | | |
| | | | | | | | | Job Number: 03C1558323 | | |
| | | | | | SAMPLING | Logged By: US | Method: Hand Auger | | | |
| | | | | 3.851377 | | Hole Diameter:3" | Total Depth: 4' | | | |
| | | | - | | | | | PID for chloride and vapor, resp rection factor included. | ectively. Chloride test | |
| Moisture Content | Chloride (ppm) | Chloride (ppm) (pp | | | | | | Lithologic Descriptions | | |
| Dry | <162 | 0.0 | N | BH04 | 0.5 | L - | SP | (0-3') SAND, dark brown, no odor | fine grained, trace silt | |
| Dry | <162 | 0.0 | Ν | | 1 - | 1 | | | | |
| Dry | <162 | 0.0 | Ν | BH04B | 2 | 2 | | | | |
| Dry | <162 | 0.0 | Ν | | 3 _ | 3 | SP | (3-4') SAND, reddish brow no odor | vn, fine grained, trace clay | |
| Dry | <162 | 0.0 | Ν | BH04D | 4 | 4 | SP-SC | (@4') SAND, reddish brow no odor | vn, fine grained, little clay | |
| | | | | | | Total De | oth @ 4 | feet bgs | لر | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | | | D | | |
|---------------------|--|-----|------|----------|----------|--|----------------------|------------------------------|-----------------------|--|--|
| 1 | | _ | | | | | | Sample Name:BH05 | Date:5/10/2024 | | |
| | | E | N | | ΟΙ | PLU 23 Dog Town Draw CVB | | | | | |
| | | | | | | | | | | | |
| | | | 0.01 | <u></u> | | | | Job Number: 03C1558323 | | | |
| | | | | - | SAMPLING | 5 LOG | | Logged By: US | Method: Hand Auger | | |
| | | | | 3.851366 | | Hole Diameter:3" | Total Depth: 2' | | | | |
| | | | | | | PID for chloride and vapor, respect rection factor included. | ively. Chloride test | | | | |
| Moisture Content | Moisture Content (ppm)Content (ppm)Chloride | | | | | | | Lithologic Descriptions | | | |
| Dry | <162 | 0.0 | Ν | BH05 | 0.5 | L - | SP | (0-3') SAND, dark brown, fin | e grained, trace silt | | |
| Dry | <162 | 0.0 | Ν | | 1 | 1 | | | | | |
| Dry | <162 | 0.0 | N | BH05B | 2 | 2 | | (@2') trace clay, no odor | | | |
| | | | | | _ | L Total De | pth @ 2 | feet bgs | J | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Í | | | | | | | | | | | |
| | | | | | | | / | | | | |
| | | | | | | | | | | | |
| | | | | | | / | | | | | |
| | | | | | | | | | | | |
| | | | | | / | | | | | | |
| | | | | | | | | | | | |
| | | | | / | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | / | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| \checkmark | | | | | | | | | | | |

| Coordinates: 3 Comments: Fie performed wit | LITHOL 2.213379 | LOGI | | 0 1 | . U | Μ | Sample Name:BH06 PLU 23 Dog Town Draw CVB | Date:5/9/2024 | | | | | |
|--|--|--------|------------|----------|------------------|-----------------|---|------------------------|--|--|--|--|--|
| Coordinates: 3 Comments: Fie performed wit | LITHOL 2.213379 | LOGI | | ΟΙ | _ U | М | PLU 23 Dog Town Draw CVB | | | | | | |
| Coordinates: 3 Comments: Fie performed wit | LITHOL 2.213379 | LOGI | | | | | | | | | | | |
| Coordinates: 3 Comments: Fie performed wit | 2.213379 eld screen | | - / | | | | | | | | | | |
| Coordinates: 3 Comments: Fie performed wit | 2.213379 eld screen | | | | | | Job Number: 03C1558323 | | | | | | |
| Comments: Fie performed wit | eld screen | 9 -103 | C / SOIL S | SAMPLING | i LOG | | Logged By: US | Method: Hand Auger | | | | | |
| performed wit | | | | | Hole Diameter:3" | Total Depth: 4' | | | | | | | |
| sture tent ride m) | | | | | | | PID for chloride and vapor, respective rection factor included. | ctively. Chloride test | | | | | |
| Mois Con Chlo (pp | Content Content Content Content (ppm) (ppm) Content (ppm) | | | | | | Lithologic Descriptions | | | | | | |
| Dry <162 Dry <162 | 0.0 0.0 | N N | BH04 | 0.5 1 | L - - 1 | SP | (0-3') SAND, brown, fine gra no odor | ained, trace silt | | | | | |
| Dry <162 | 0.0 | N | BH04B | 2 | 2 | | (@2') trace clay | | | | | | |
| Dry <162 | 0.0 | N | | 3 | 3 | SP | (@3') little clay no odor | | | | | | |
| Drv <162 | 0.2 | N | BH04D | 4 | 4 | SP-SC | (@4') SAND, reddish brown, fine grained, some cla no odor | | | | | | |
| I | | | |] | Total Dep | oth @ 4 | feet bgs | | | | | | |
| | | | | | | | | | | | | | |



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.7 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.4 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 | Analyze | d 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 | Analyze | d 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | ′kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.8 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/11/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | ′kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 7/16/2024 5:01:45 PM

| Standard A Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C | Turnaround Time: Thermometer ID | CHECKED BY: | d Temp. 6-02 Sample Condition CHECKED BY: Turnaround Time: Standard A Ba Cool Intact (Initials) Themometer D Arts Rush Cool Intact Condition Correction Factor Act HUO | Corrected Temp. *C | (Circle One) - Bus - Other: - Do K 3.2 (0/07/21 | Sampler - UPS - Bus - Ott |
|---|--|---|---|--|---|--|
| 133992 NAPP24025325596 | NAPP 24020 | 0 | Received By: | TimpE420 | y, | Nem quistied by |
| Thillard Consol um, com, modelle Consol um, com | All Results are emailed | m | Stadling | | myel | 10 |
| | her completion of the applicable y client, its subsidiaries, reasons or otherwise. | ing and received by Cardinal within 30 days a flore, loss of use, or loss of profils incurred b claim is based upon any of the above stated | waived unless made in writ limitation, business interrup regardless of whether such reported Rvr | ontal damages, services hereu | service. In no event shall Cardinal be faible for negligence and any offner car service. In no event shall Cardinal be faible for incidential or conseque affliates or successors arising out of or related to the purformance of Relinquished By: 7/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1 | arrives. An event shall Care arrives. In no event shall Care arritates or successors arising Relinguished By. |
| | nt peid by the client for the | ort, shall be limited to the amount p | r claim arising whether based in contract or tort, shall be limited to the | 's exclusive rem | and Damages, Cardinal's lat | PLEASE NOTE: Liablity and Dam |
| | | | | | | |
| | | | | | | |
| X | 13:35 X X | XX | XXXX | 00 (00.5) | 85 | 6 |
| | 12:45 | X | X | 05 (0.5 | 20 | . 5 |
| | 12:5 | X | X | 504 (20.5) | SS | 20 |
| | 20.0 | R | X | 03 @ 0.5 | SSO | ω. |
| | 50 | X | - « | 12 0 0.5' | SSO | e |
| | | XZX | 1 × 0 | 1 (20.5' | 000 | - |
| | C | ACID/ CE/(DTHE DATE | # COI GROU WAST SOIL SOIL SLUD | | 3 | HayIlles |
| TE | DH | BAS | | upro no. | | |
| | | - | R (C)C NERS WATE ATER | Sample I D | San | Lab I.D. |
| | tes | FRESERV. SP | R | | | |
| | | 1 | MATDIX | AVIA V DELL | E. IVIORIO | FOR LAB USE ONLY |
| | | Phone #: | 7.0000 | 100-100 | - | Sampler Neme: |
| | 8220 | State: NM Zip: 88220 | W CVB | DOG TOWN DY | 11- | Project Name: |
| | 0 | city: (21/15/02) | | 524 Project Owner: | SUTP | Project #: () |
| | - Greene St | Address: 3104 E | | 5 . | 1 1 | Phone # |
| | uth | Attn: AMNY P | Zip: 88220 | state: NM | 25 | City: |
| | Energy | company: XTOE | | ional Hwy | 1 | ess: 3 |
| | _ | P.O. #: | | Hillard | ger: TY ACV | Project Manager: |
| ANALYSIS REQUEST | 0 | BILL TO | | um, LLC | me: Ensol | Company Name: |
| | | | 240 476 | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | ō | |
| SUSTODI AND ANALISIS REQUEST | 011/01/01-0 | | S | ratories | Labo | |
| TICTODY AND ANALYSIS DECUTOR | CHAINLOEL | | Г | | にい | |
| | | | |) | | |



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



| | | 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 | Analyze | d 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 386 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 206 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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: | ХТО | | | |

Sample ID: PH 1 8 (H241622-03)

| BTEX 8021B | mg, | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 226 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 544 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 180 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.0 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/01/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 616 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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: | ХТО | | | |

Sample ID: PH 3 1 (H241622-08)

| BTEX 8021B | mg, | /kg | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 179 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



| | | 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: | ХТО | | | |

Sample ID: PH 3 8.5 (H241622-09)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | S-04 |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.066 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 132 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 332 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | 'kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.5 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/01/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.0 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.0 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.4 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.5 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/01/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.6 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| h |
|---|
| 1 |
| h |
| |
| |
| |
| |
| |
| s |

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 whatscever 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 whose 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 whose share there applied by the services arise 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.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Encount LLC Exit TO ANALYSIS RE 1. Manorolida SI, Ster 400 State: TX_Zip: 79701 Atte: Anny Luch Company: XTO 1.5523.332 Project Owner: ATO City: (Crit S byd) State: TX_Zip: 79701 Atte: Anny Luch 1.5523.332 Project Owner: ATO City: (Crit S byd) State: TX_Zip: 79701 Atte: Anny Luch 1.5523.332 Project Owner: ATO City: (Crit S byd) State: TX_Zip: 79701 Atte: Anny Luch 1.5523.332 Project Owner: ATO City: (Crit S byd) State: TX_Zip: 79701 Atte: Anny Luch Atte: Anny Luch Atte: Anny Luch State: TX_Zip: 70701 Atte: Anny Luch Atte: Anny Luch Atte: Anny Luch Atte: Anny Luch <td< th=""><th>Gr59 393-3236 FAX (575) 392-2476 BILL TO BILL TO ANALYSIS RE er: Fille AD State: TO Company: Company:<</th><th>Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallaberm com</th><th>in the second</th><th></th><th></th><th>nnil ohon</th><th>Diagona</th><th>hannaha ler</th><th>cont vort</th><th>anot an</th><th>t Cardinal car</th><th>1000</th><th>and a second sec</th><th></th></td<> | Gr59 393-3236 FAX (575) 392-2476 BILL TO BILL TO ANALYSIS RE er: Fille AD State: TO Company: Company:< | Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallaberm com | in the second | | | nnil ohon | Diagona | hannaha ler | cont vort | anot an | t Cardinal car | 1000 | and a second sec | | |
|--|--|--|------------------------|------------------|---|--------------------------------------|---|----------------------|---------------------------|-----------------|---|---|--|---------------------------------------|--|
| er: Ensolum. LLC PILL TO er: Cbc.n. De(LI) P.O. #: Company: YTO NN. Marienteid St. STE 400 State: TX Zip: 79701 Attr: Annu Cult 9854 GSA Fax #: Company: YTO Attr: Annu Cult 9854 GSA Fax #: City: | (575) 393-2276 er Ensolum, LLC PILL TO er State: TZ IN. Marienelid SI: STE 400 Company: IN. Marienelid SI: STE 400 State: TX IN. Marienelid SI: STE 400 State: TX IN. Marienelid SI: STE 400 Fax #: Address: CISSA 3.32 Project Owner: XTO Sample DDD CUB State: MITE IN. Marienelid SI: STE 400 State: MITE CISSA 3.33 Project Owner: XTO Sample Daph Go 5 Hit Address: IN. Marienelid SI: STE 400 Sample Daph MITE IN. Marienelid SI: STE 400 Sample Daph Marienelid SI: STE 400 Sample Daph Gig Graph Control Si None #: 432. Go 3. In. PIA: Sample Daph Gig Graph Control Si None #: PH3: G.5 I I Marienelid SI: STE 400 IN. Marienelid SI: STE 400 Sample Daph I I I IN. PRESERV Sample Daph Gig Graph Control Si DATE <th>Bacteria (only) S Cool Intact</th> <th>w .</th> <th>I Time:</th> <th>hermometer</th> <th></th> <th>L (Initia</th> <th>Intact S Ves</th> <th>Cool</th> <th>C.C</th> <th>ĉ</th> <th>her: Com</th> <th>JPS - Bus - (</th> <th>Sampler - I</th> | Bacteria (only) S Cool Intact | w . | I Time: | hermometer | | L (Initia | Intact S Ves | Cool | C.C | ĉ | her: Com | JPS - Bus - (| Sampler - I | |
| Ensolum LLC PILL TO PILL TO ANALYSIS er: DEAL DOLLT State: PO.9: PO.9: <td>Bill TO BILL TO ANALYSIS er: Ensolum .u.c. Rule. TX Rule</td> <td>09,531557 / nAPPS402633993</td> <td>nAPPSHI</td> <td>Cont !</td> <td>Incid</td> <td></td> <td></td> <td>P</td> <td>Camala</td> <td></td> <td>5</td> <td></td> <td>By: (Circle Or</td> <td>Delivered</td> | Bill TO BILL TO ANALYSIS er: Ensolum .u.c. Rule. TX Rule | 09,531557 / nAPPS402633993 | nAPPSHI | Cont ! | Incid | | | P | Camala | | 5 | | By: (Circle Or | Delivered | |
| BILL TO BILL TO ANALYSIS er: CS-CA, Deglill FO. 8: FO. 9. 1N. Marienfield SI, STE 400 State: FO. 9. FO. 9. 1N. Marienfield SI, STE 400 State: Normany: XTo 1N. Marienfield SI, STE 400 State: Normal: Address: State: Normal: 1N. Marienfield SI, Tel 40 Normal: Address: State: Normal: Normal: | Bill TO Bill TO ANALYSIS er Enschum LLC P.O. #: ANALYSIS ref. (S-C), Deglitt State: 1X ZIP: 19701 Attr:: Annu LCuth 11. Merienfeld St, STE 400 State: 1X ZIP: 19701 Attr:: Annu LCuth 12.55& 323 Fax #: Andersse: 30kl C-Griztins- LCiSS& 323 Address: 30kl C-Griztins- LCiSS& 323 <td< td=""><td>9210351001</td><td>Center</td><td>:Cost</td><td>REMARKS</td><td>/</td><td></td><td></td><td>ed by:</td><td>Necely</td><td></td><td></td><td></td><td></td></td<> | 9210351001 | Center | :Cost | REMARKS | / | | | ed by: | Necely | | | | | |
| BILL TO BILL TO ANALYSIS er: 5-C-A. Decluit. PO.8: PO.9: PO.9: PO.9: 1N. Mainenied St. STE 400 State: TX TX PO.9: TX PO.9: PO. | Bits Bits Numerical State: Numeric | Delilleensoluman | Imm.com | s@enec | BJenning | Xc | and | 1 0200 | JUNI, | Ramo | TOYC C | 2 | hed By: | Relinquis | |
| Pro: Ensolum LLC PILL TO ANALYSIS ref. (bern Poc)LII. State: IV Po. #: Po. #: Po. #: 1.N. Maienfeld SI. STE 400 State: IV. Zip: 79701 Attn: Anny Cu.H.h. 7.18 (54) 32.3 Project Owner: XTO Company: XTO Company: XTO 7.18 (54) 32.3 Project Owner: XTO Chirl: Andress: State: NW Zip: St | Bill TO Bill TO ANALYSIS er: Ensolum ILIC PO.8: PILL TO ANALYSIS er: Decomments State: TX PIC.8: Company: XTO PISH 05.3.2.3 Project Owner: XTO Attn:: Anny Cuth Attn:: Anny Cuth PISH 05.3.2.3 Project Owner: XTO Chr. Anny Cuth Attn:: Anny Cuth PISH 05.3.2.3 Project Owner: XTO Chr. Anny Cuth Attn:: Anny Cuth PISH 05.3.2.3 Project Owner: XTO Chr. Address: Autorss: Autorss: PILL 03: Difb CUB Sample Depth N/RX PRESE PILL 05: Address: Trace, HINGAL WILL Sample Depth ONTE NATION PRESE Address: Sample LD. Sample Depth ONTE NATION PRESE Address: Address: PH3 O.5 G1 NATION Address Address Address PH3 O.5 1 1 Address Address Address | o Add'I Phone #: provide Email address: | I Yes I Nailed. Please | are ema | Verbal Res All Results | 1 | 0 | 111- | ed by: | Nacali | 3-28-24 | 0 | malas | 11 | |
| X BTEX X TPH | X BTEX X TPH ANALYSIS | | | - <u>8</u> | ent, its subsidiarie ions or otherwise | above stated reat | d upon any of the i | r such claim is base | dless of whethe | rdinal, regard | services hereunder by Ca | related to the performance of | hed By: | Relinguis | |
| ANALYSIS | X BTEX X TPH ANALYSIS | | | he applicable | by the client for t completion of the | the amount paid hin 30 days after | shall be limited to red by Cardinal with | in writing and recei | g whether base | berned waive | use whatsoever shall be di ental damages including | r negligence and any other ca able for incidental or consequ | ms including those to ont shall Cardinal be | analyses. All da service. In no ex | |
| Ensolum.LLC BILL TO ANALYSIS Project Organization State: TX Zip: 79701 Attm: Annu Cluth 1N. Marienield St. STE 400 State: TX Zip: 79701 Attm: Annu Cluth 1854 05.32 Project Owner: XTO State: TX Zip: 79701 Attm: Annu Cluth 1857 05.32 Project Owner: XTO State: MM Zip: 85.30 State: MM Zip: 85.30 1943 070 CUB Sample Depth (G) GAB OR (G) OMP. Fax #: State: MM Zip: 85.30 1943 071 CUB Sample Depth (G) GAB OR (G) OMP. Fax #: Sample LDD. Sample LDD. Sample Depth (G) GAB OR (G) OMP. Fax #: Sample LDD. PH1 0.5 G (G) GAB OR (G) OMP. Fax #: Sample COOL PH3 0.5 G (G) GAB OR (G) OMP. Fax #: Sample COOL PH3 0.5 G (G) GAB OR (G) OMP. Fax #: Sample Cool PH3 0.5 G (G) GAB OR (G) OMP. Fax #: Solu PH3 0.5 G (G) GAB OR (G) OMP. G (G) ONTHER: Solu PH3 0.5 G (G) FAX G (G) FAX G (G) FAX PH3 0.5 1 G (G) FAX G (G) FAX PH3 0.5 1 G (G) FAX G (G) FAX PH3 0.5< | Bits State: Number of the state: S | | 1 | _ | Lahl | | | | | | C+S | Cardinal's liability and clien | Lability and Damage | PLEASE NOTE | |
| Ensolum, LLC BILL TO ANALYSIS Pr: (bech Dept)/// IN. Marienfeld St. STE 400 State: TX Zip: 79701 Attn:: Anny (Cut)A IN. Marienfeld St. STE 400 State: TX Zip: 79701 Attn:: Anny (Cut)A IN. Marienfeld St. STE 400 State: TX Zip: 79701 Attn:: Anny (Cut)A IN. Marienfeld St. STE 400 Far.#: Address: 3(M E-G.red.nuSt) CISSE323 IN. Marienfeld St. STE 400 Project Owner: XTO City: (Gr! 5 bxd) State: N/M Zip: 85/3 20 II. Marienfeld St. STE 40 Mirrix Prosent: 412 (Gu] · 05711 Far.#: Far.#: II. Marienfeld St. STE 40 Mirrix Presserv Sample Dophth (King) Far.#: Far.#: II. Marienfeld St. STE 40 Mirrix Presserv Sample Dophth (King) Far.#: Far.#: II. Marienfeld St. STE 40 Solution Solution Sample Dophth (King) Far.#: Sample Dophth (King) II. Marienfeld St. STE 40 Solution Solution Solution Solution Solution II. PH1 O., S. G. Fill II. Marienfeld St. State: N/M Zip: 85/3 20 Solution Solution PH2 O., S. G. Fill II. Marienfeld St. State: N/M Zip: 85/3 20 Solution Solution PH3 O., S. G. Fill II. Marienfeld St. S | BILL TO BILL TO ANALYSIS er: Fissolum LLC PO. #: PO. #:< | | | _ | 3210 | | | | | | 1 | 5112 | | | |
| Ensolum_LLC BILL TO ANALYSIS Pr. Clean DepLIII State: TX Zip: 79701 Company: XTO N. Manenteid St. STE 400 State: TX Zip: 79701 Attm: Andross: State: TX Zip: 79701 Attm: Andross: State: TX Zip: 79701 Attm: Andross: State: N. Manenteid St. STE 400 State: N. Manenteit 40: State: N. Manenteid St. State: N. Manenteid St. State: N. Manenteit 40: State: N. Manenteid 50: State: N. Manenteit 40: State: State: < | (FT5) 332-2276 BILL TO ANALYSIS BILL TO State: TX ZIP: 79701 Attn: Address: 31/4 E-Greens1- ClSS8 323 Project Owner: XTO State: TX ZIP: 79701 Attn: Address: 31/4 E-Greens1- ClSS8 323 Project Owner: XTO State: TX ZIP: 79701 Attn: Address: 31/4 E-Greens1- ClSS8 323 Project Owner: XTO State: TX ZIP: 79701 Attn: Address: 31/4 E-Greens1- ClSS8 323 Project Owner: XTO State: Market State: State | | | - | oeel | | | | | + | + | - | | | |
| Ensolum_LLC BILL TO ANALYSIS Pr. Den Bell II State: IX Zip: 79701 Attm: Anny Cuth 1N. Manenteid St. STE 400 State: IX Zip: 79701 Attm: Anny Cuth 1N. Manenteid St. STE 400 Fax #: Company: XTO Company: XTO 1N. Manenteid St. STE 400 Fax #: Address: Aldress: Aldress: Aldress: 1N. Manenteid St. STE 400 Fax #: Address: Aldress: Aldress: Aldress: 1N. Manenteid St. STE 400 Fax #: Address: Aldress: Aldress: Aldress: 1N. Manenteid St. STE 400 Fax #: Address: Aldress: Aldress: Aldress: Aldress: 1N. All All Mich II. D. Sample Depth GROUNDWATER Presserv Sample Depth Fax #: Actic/BASE: Actic/BASE: 2014 GROUNDWATER MATRIX PRESErv Sample Depth Actic/BASE: Actic/BASE: Actic/BASE: Actic/BASE: 2014 GROUNDWATER MATRIX PRESErv Sample Depth Actic/BASE: Actic/BASE: 2014 GROUNDWATER MATRIX Fax #: Actic/BASE: Actic/BASE: Actic/BASE: 2014 GROUNDWATE | (575) 333-2476 BILL TO ANALYSIS BILL TO State: TX Zip: 79701 Attr: Anny Ruth PO.#: N. Marienteid St. STE 400 State: TX Zip: 79701 Attr: Anny Ruth PO.#: Company: XTO Sample Depth (eet) OTHER: <th colspa<="" td=""><td></td><td></td><td></td><td>1441</td><td></td><td></td><td></td><td></td><td>-</td><td>0.5</td><td>10</td><td>5</td><td></td></th> | <td></td> <td></td> <td></td> <td>1441</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>0.5</td> <td>10</td> <td>5</td> <td></td> | | | | 1441 | | | | | - | 0.5 | 10 | 5 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | (575) 393-2476 BILL TO PILL TO PILL TO PILL TO PILL TO State: TX ZIP: 79701 Attn: TX Anny Cuth Address: 3IN E-Gordon St. Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Clospan="2">Tacu Hulf-d/ Uri Clospan="2">Mite: TX Tacu Hulf-d/ Uri Clospan="2">Clospan="2" NTACU Hulf-d/ Uri Clospan="2" NTACU Hulf-d/ Uri Clospan="2" Sample Depth (gi)ORAB OR (c)OMP. Inter Time: Colspan="2" OLITER: MITEX PHU OLITER: OLITER: OLITER: OLITER: OLITER: OLITER: OLITER: OLITER: <tr< td=""><td></td><td></td><td></td><td>1243</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>LAR</td><td>10</td><td></td></tr<> | | | | 1243 | | | | | - | | LAR | 10 | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | (575) 332-2326 FAX (575) 393-2476 BILL TO ANALYSIS e: Ensolum_LLC P.0.#: N. Marienfeld St. STE 400 P.0.#: P.0.#: Ompany: X TO State: TX Zip: 79701 Attn: Anny Cuth 7854 083.3 Project Owner: XTO Closs 304 E: Greene 31 CLOSS 3.3. Project Owner: XTO city: Carls bod ULL 30 TD CUB State: TX Zip: 79701 Attn: Anny Cuth Project Owner: XTO city: Carls bod ULL 30 TD CUB State: N/M Zip: 85 3-30 ITACL HILL'S MAREER Nample Depth Write Toon Hill Ang Fax #: TACL HILL'G (GRAB OR (C)OMP. MATRIX PRESERV Sample Depth Write Toon Hill Ang Sample Depth (Closs TACL HILL'S Core of the registry PHIL OLS GI DO THER ACCONTAINERS Sample Depth (Closs Do THER TME DT D PHIL <td cot<="" td=""><td></td><td></td><td></td><td>1100</td><td></td><td></td><td></td><td></td><td>-</td><td>0-</td><td>TA A</td><td></td><td></td></td> | <td></td> <td></td> <td></td> <td>1100</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>0-</td> <td>TA A</td> <td></td> <td></td> | | | | 1100 | | | | | - | 0- | TA A | | |
| er Gran Dedill Protection Plant Protection Plant | | | | | 1440 | | | | | - | 5.0 | I P | | | |
| er Ensolum, LLC PILL TO ANALYSIS Project Owner: XTO State: TX Zip: 79701 Attn: Amy Cuth PO.#: N. Marienfeld St. STE 400 State: TX Zip: 79701 Attn: Amy Cuth PO.#: PO.#: PO.#: N. Marienfeld St. STE 400 State: TX Zip: 79701 Attn: Amy Cuth POINT Attn: Attn: Amy Cuth POINT Attn: Amy Cuth POINT Attn: Attn: Attn: Attn: Amy Cuth POINT Attn: Attn | (575) 393-2276 BILL TO State: 1X Zip: 79701 Attn: Anny Cuth 7854 08 32 Froject Owner: XTO City: Company: XTO Company: XTO 7854 08 32 Froject Owner: XTO City: Constant 7854 08 32 Froject Owner: XTO City: Constant 7854 08 32 Froject Owner: XTO City: Constant 7854 08 323 Froject Owner: XTO State: N/M Zip: 85 30 1: 361, 31345, -103, 85032 Phone #: 432, Gull 0571 776, HUL4 // Wrich Son Fax #: Phone #: 432, Gull 0571 766, HUL4 // Wrich Son Fax #: Phone #: 432, Gull 0571 776, HUL4 // Wrich Son Fax #: Sample Depth (feet) GROUNDWATER Phone #: 432, Gull 0571 7774 Fax #: Son 7774 UNASTEWATER Son 984 GROUNDWATER Son 994 0.15 Gl 1 GROUNDWATER 994 0.15 Gl 1 GROUNDWATER 994 0.15 Gl 1 GROUNDWATER 194 0.15 Gl 1 GROUNDWATER 194 194 194 194 | | | _ | 1317 | | | | | - | X | H | | | |
| er: Ensolum. LLC BILL TO ANALYSIS Pr: Decluit State: TX Zip: 79701 Attn: Analysis PRSYI 0833 Fax #: State: TX Zip: 79701 Attn: Andress: BILL TO Analysis PRSYI 0833 Fax #: Fax #: Address: BILL TO Company: XTO PRSYI 0833 Frace TX Zip: 79701 Attn: Anny Cuth PRSYI 0833 Project Owner: XTO City: Crists.dd Cuth Cuth PRS 1323 Project Owner: XTO State: NM Zip: 85/3/20 State: NM Zip: 85/3/20 Price WA State: NM Zip: State: NM Zip: 85/3/20 State: NM Zip: 85/3/20 Sample I.D. Sample Depth Fax #: Phone #: H32 Cutic Cutic Cool Sample I.D. Sample Depth Gigraab OR Fax #: PRESERV Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Samp | (675) 393-2326 FAX (575) 393-2476 BILL TO BILL TO PE (De.n. Bell)[] N. Marienfeld St. STE 400 State: TX TAGA, HURAL VIC State: TAGA, HURAL VIC TID A3 DTD CVB Fax #: Sample Depth State: TAGA, HURAL VIC Fax #: Sample I.D. Sample Depth Sample I.D. Sample Depth (feet) GROUNDWATER YA SOIL DTE X YA SOIL DTE X | | | - | 104S | - | - | | | - | | H | | | |
| e: Ensolum LLC BILL TO ANALYSIS Fri Gen Bell II To State: TX Zip: 79701 Repair Company: YTO State: TX Zip: 79701 Repair Address: 3144 E. Greenest Cl558 323 Project Owner: YTO City: Cr558 323 Project Owner: YTO City: Cr558 323 Project Owner: YTO City: Cr558 d ULL 23 DTD CUB State: NM Zip: 863 20 Tracy Hill Grd / Uf: CL Son HI Ang Fax #: Soli City: Cr558 d ULL 2568 323 Project Owner: YTO Prove #: 432.000 Prove #: | (575) 393-2326 FAX (575) 393-2476 er Ensolum. LLC BILL TO ANALYSIS pr: Can Ball II P.O. #: P.O. #: P.O. #: n. Marienfeld St. STE 400 State: TX Zip: 79701 Attn: P1854 OS.32 Project Owner: XTO Company: XTO P1854 OS.32 Project Owner: XTO Attn: Anny P1854 OS.32 Project Owner: XTO City: Carl Shad P1854 OTD CVB State: N.M. Zip: 85/3/20 P1854 OTD CVB State: N.M. Zip: 85/3/20 P1854 OTD CVB State: N.M. Zip: 85/3/20 P1854 OTD Fax #: Phone #: 4/32. (Juli - 0571 P1854 OTHER: GGROUNDWATER Sample Dopth Fax #: VMASTEWATER Solul Solul - 0571 Fax #: Fax #: VMATEWAL Fax #: Fax #: Sample Dopth Fax #: Iffeet) GROUNDWATER Solul Sample Dopth Sample Dopth Iffeet) GROUNDWATER Sample Dopth Sample Dopth Sample Dopth | | × | \times | | 12: 12: 8 | × | × | | 9 | 0.5 | 'HI | | | |
| e: Ensolum, LLC BILL TO ANALYSIS Pr. (Seen Beq.III) Pr. (Seen Beq.III) Pr. (Seen Beq.III) Pr. (Seen Beq.III) N. Marienfeld St. STE 400 State: TX Zip: 79701 State: TX Zip: 79701 Attn: Anny (Cuth Address: 31(4 C-Greenest- CISS& 323 Project Owner: XTO CISS& 324 Project Owner: XTO CISS& 324 Project Owner: XTO CISS& 325 Project Owner: XTO CISS& 326 Projec | (575) 393-2276 e: Ensolum, LLC BILL TO ANALYSIS e: Ensolum, LLC P.O. #: P.O. #: ANALYSIS e: Dedull State: TX Zip: 79701 Attn: Anny Ruth e: State: TX Zip: Sold Sold e: State: NM Zip: 85/9.30 Sold Sold e: State: NM Zip: 85/9.30 Sold Sold r: Sa, 21345, -169, 85032 Phone #: 432.46, 1.0571 Sold r: Sa, 21345, -169, 85032 Phone #: 432.46, 1.0571 Sold | | BTEX | Chloride | TIME | DATE | ACID/BASE: ICE / COOL | OIL SLUDGE | GROUNDWATER WASTEWATER | (G)RAB OR (C)OM | Sample Depth (feet) | ample I.D. | - 23 | Lab | |
| e: Ensolum, LLC BILL TO ANALYSIS Pr. (Seen Bell II) Pr. (SeenBell II) Pr. (SeenBell II) Pr. (SeenBell II) Pr. (SeenBell II) Pr. | BILL TO ANALYSIS e: Ensolum, LLC P.O. #: pr: (5en Bell) P.O. #: n. Marienfield St. STE 400 State: TX Zip: 79701 N. Marienfield St. STE 400 State: TX Zip: 79701 Attn: Anny Cuth 7854 0832 Fax #: CIS58 323 Project Owner: XTO PLUA 23 DTD CVB n: 3A, 21345, -103, 35032 State: XTO Phone #: 432.661.0571 Trace, Hullsch Uricl Dan Hilfang Fax #: | | _ | es | PLING | | PRESERV | ATRIX | | P. | | | | | |
| e: Ensolum, LLC BILL TO ANALYSIS ar: (ben Bell)[] P.O. #: P.O. #: ANALYSIS ar: (ben Bell)[] P.O. #: Company: XTO ANALYSIS ar: State: TX Zip: 79701 Attn: Anny Cuth ANALYSIS ar: State: TX Zip: 79701 Attn: Anny Cuth Attn: Anny Cuth ar: State: TX Zip: 79701 Attn: Anny Cuth Attn: Anny Cuth ar: State: TX Zip: 79701 Attn: Anny Cuth Attn: Anny Cuth ar: State: XTO State: Stold G. Greenest State: NM Zip: 85/9/90 State: NM Zip: 85/9/90 ar: State: VM Zip: 85/9/90 Phone #: 4/32.64/9/05/11 State: 1/4 State: 1/4 | BILL TO BILL TO ANALYSIS e: Ensolum. LLC P.O. #: P.O. #: ar: Company: YTO ANALYSIS ar: State: TX Zip: 79701 Attn:: Analysis ANALYSIS Fax #: Company: XTO Atdress: BILL TO Analysis ANALYSIS Fax #: Company: XTO Attn:: Analysis Analysis ANALYSIS Fax #: Cip: Company: XTO Attn:: Analysis Analysis ANALYSIS Fax #: Cip: Company: XTO Attn:: Analysis Attn:: Analysis ANALYSIS Project Owner: XTO City: | | | _ | | 1 | ax #: | L | ia. | 7112 | Vriel Jan | icy Hillsrol / | L | FOR LABL | |
| IC BILL TO ANALYSIS 1111 P.O. #: P.O. #: 1. STE 400 Company: XTO State: TX Zip: 79701 State: TX Zip: 79701 Attn: Anny ICuth BA Fax #: Address: 3Int E-Gregne State: VIC Stad Project Owner: XTO City: Crc/s brid State: N/N Zip: 85230 State: VIM Zip: 85230 | BILL TO ANALYSIS 1C BILL TO ANALYSIS 1C P.O. #: P.O. #: 111 Company: XTO State: TX Zip: 79701 State: TX Zip: 79701 Attn: Amy Cuth Project Owner: XTO Address: 3(b/4 E-Greene St Project Owner: XTO City: Carls bad State: N/M Zip: 85330 State: N/M Zip: 85330 | | | | 1.057 | 132.66 | | 9 | | | CE068'6 | 1 | Location: 5 | Project | |
| BILL TO ANALYSIS F: (Secn Bell) P.O. #: N. Marienfeld St. STE 400 P.O. #: State: TX Zip: 79701 Attn: Anny ICuth 1854 08323 Project Owner: XTO City: Corls bod | BILL TO ANALYSIS Ensolum. LLC P.O. #: P.O. #: r: (Den Bell) P.O. #: Company: XTO N. Marienfield St. STE 400 State: TX_Zip: 79701 Attn: Anny (Cuth) 1854 08.323 Project Owner: XTO Address: 3lt/4 E-GreuneSt | | | | oel | Zip: | NN | 0 | | | B | 6 | Name: PUL | Project | |
| International water Ensolum, LLC BILL TO ANALYSIS Imager: Sen Belling P.O. #: ANALYSIS 601 N. Marienfield St. STE 400 P.O. #: Company: XTO Iidland State: TX Zip: 98 9 854 08 3A Fax #: Address: All G. Greenest | (575) 393-2326 FAX (575) 393-2476 BILL TO ANALYSIS anager: Cen Bell II P.O. #: P.O. #: ANALYSIS 601 N. Marienfeld St. STE 400 State: TX Zip: 79701 Company: XTO Idland Attn: Anny Cuth 10dand State: TX Zip: 79701 Attn: Anny Cuth Address: 3/// C.GreenoSt Address: 3/// C.GreenoSt | | | - | - Verlag - I | Da | ity: Carls | 0 | 0 | er XT | Project Owne | 58323 | # 03C15 | Project | |
| pany Name: Ensolum, LLC BILL TO ANALYSIS ct Manager: Cen Bell/ P.o. #: P.o. #: P.o. #: ess: 601 N. Marienfeld St. STE 400 Company: XTO Midland Midland State: TX Zip: 79701 Attn: | BILL TO ANALYSIS pany Name: Ensolum, LLC P.O. #: vct Manager: Company: YTO Midland State: TX Zip: 79701 | | | | normost | ζı | ddress: 3 | Þ | | | Fax #: | 680 | 489 | Phone | |
| Ensolum, LLC BILL TO ANALYSIS (Den Belill) P.O. #: P.O. #: Image: Company: XTO | Bill To ANALYSIS Ensolum, LLC P.O. #: P.O. #: Marienfeld St. STE 400 Company: \TO \TO | | | - | th | _ | ttn: Ann | | 79701 | Zip: | 1.1 | | | 1 | |
| Ensolum, LLC BILL TO ANALYSIS (Den Bellil) P.O. #: Image: Construction of the second se | (575) 393-2326 FAX (575) 393-2476 Ensolum, LLC (Sev) (Sel) | | | - | | XTO | ompany: | 0 | | | 400 | Narienfeld St. STE | | Addres | |
| Ensolum, LLC BILL TO ANALYSIS | (575) 393-2326 FAX (575) 393-2476 Ensolum, LLC BILL TO ANALYSIS | | - | | | | # | - | | | | Den Behill | Manager: | Project | |
| | (575) 393-2326 FAX (575) 393-2476 | ANALYSIS REDUEST | | | | ILL TO | B | | | | | Ensolum, LLC | | compa | |

Received by OCD: 7/16/2024 5:01:45 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

aboratories

ARDIN aboratories 101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: PLEASE NOTE: Lability and Damages Cardinal's lability and client's exclusive remedy for any analyses. All datins including those for negligence and any offser cause whatsoever shall be de service. In no event shall Cardinal be lable for incidential or consequential damages, including with service. In one event shall Cardinal be lable for incidential or consequential damages. 4n4 Project Location: 32 Sampler Name: Project Name: PLU 23 DTD Project #: 030/558322 City: Phone #: 9898540832 Project Manager: (Sen (Seli II) Company Name: FOR LAB USE ONLY Address: Lab I.D. Midland 8 200 5 5 S -C UN 601 N. Marienfeld St. STE 400 PIH PHH NAU of or related to the PHG DHY T PH7 PHJ PHG PH PT HL Sample I.D. Ensolum, LLC 31345 3 103. SUP Date: 8 28 Time: 342 Sample Depth Fax #: Project Owner: State: 0 sive remedy for any claim 2 -N s² (feet) 5 85032 42 Ider by X Received By: (G)RAB OR (C)OMP T Zip: XTU # CONTAINERS tion, business GROUNDWATER 79701 WASTEWATER In based in contract or fort, shall be limited to the amount paid by the client for the made in writing and received by Cardinal within 30 days after completion of the applicable MATRIX SOIL OIL SLUDGE loss of use, or loss of profits i OTHER State: Fax #: Phone #: 432 661 057 City: Attn: P.O. #: Address: 304 T. Company: ACID/BASE PRESERV ICE / COOL Anny W Sbr VM Zip: 88220 OTHER BILL TO XTO 3 27.24 DATE Puth red by client, its subsidiarie SAMPLING 15 maria All Results are emailed. Please provide Email address: Verbal Result: OCHI 53 200 1459 1458 1428 532 52 Ros TIME 20 hloride □ Yes BT EX 3 Pt O No Add'l Phone #: ANALYSIS REQUEST

Received by OCD: 7/16/2024 5:01:45 PM

Relinquished By:

Date:

Received By

Time:

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

Observed Temp. *C

C)

CHECKED BY: (Initials)

Turnaround Time:

Thermometer ID

. 05°C 4/40

Rusi Standard

X

Cool Intact Ves Yes

Corrected Temp. °C Observed Temp. °C

Bacteria (only) Sample Condition

REMARKS: Cost center: 281025100

Incident: n APPAYDQ 531559/MAPPAYDQ 33992

Bdennings@easelum.com-

BBelille ensolum.com

ected Temp.

ô

Yes HYes No No Sample Condition

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



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



XTO 32.21345,-103.85032

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 |

Sample ID: PH 8 0.5 (H241732-01)

Project Location:

| BTEX 8021B | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.7 | % 49.1-14 | 8 | | | | | | |

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 whatscever 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 whose 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 whose share there applied by the services arise 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.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.2 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | | | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.2 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.1 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.1 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| 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 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 125 9 | 6 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.8 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 130 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2024 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/08/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2024 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 133 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 7/16/2024 5:01:45 PM

| IL | (575) 393-2326 FAX (575) 393-2476 | AX (575) 393-2476 | | | | AN | ANALYSIS REQUEST |
|---------------------------------|---|--|---|--|---|---------------------|-------------------------------|
| Company Name: | Ensolum, LLC | | | BILL IU | | - | |
| Project Manager: | ben heli | 1 | | P.O. #: | | | |
| Address: 601 N. | nfeld St. ST | 400 | | No. | | _ | |
| ā | | State: TX Zip: | p: 79701 | Attn: Any Ruth | | | |
| - | 89-254-1252 | Fax #: | | Address: 3104 EI Gr | reave St | | |
| Priore #: 10. | 1228322 | Project Owner: | XTO | city: Carlsbad | | | |
| Froject #. OUC | | PNR | | State: WMZip: 0 | 020 | | |
| Project Name: | N QU UI | 102 8403A | | Phone #: 432. 661. 057 | 1250 | | |
| Project Location: UNIV | 5 5 | 6/560 | ci lla | Fax #: | | | |
| Sampler Name: | ICCO TUNO | | - | PRESERV. SAI | SAMPLING | _ | |
| Lab I.D. | Sample I.D. | (feet) (G)RAB OR (C)OMP | # CONTAINERS GROUNDWATER WASTEWATER | OTHER : ACID/BASE: ICE / COOL OTHER : | | K BTEX K TPH | |
| ACI HUL | DHS | Ors 0 | × | | 4 0852 X | - × × | |
| e | BHB | 2 | 6 1 | | 09nK | | |
| r | PHN | 00 | | | 0912 | | |
| re | PHY | 200 | C | | 8160 | | |
| 50 | 1001 | 2.0 | C I | | 1660 | | |
| X | TS03 | 5 | C 1 | | 2800 | | |
| 2 | TS OY | 5.0 | C 1 | | CM2 / | | |
| 2 | FS 05 | Sig | C - | | | - | |
| PLEASE NOTE: Lability and | FSO Cardinal's liability and d Damages. Cardinal's liability and those for negligence and any off | C C C C C C C C C C C C C C C C C C C | claim arising whether based in cont emed waived unless made in writing | FSO (U, S C I I I I I I I I I I I I I I I I I I | t paid by the client for the after completion of the applicable tw client its subsidiaries. | o | |
| affliates or successors arising | ardinal be liable for incidental or co ng out of or related to the performa | ince of services hereunder by Can Date: 1/14/01 | ander by Cardinal, regardless of whether such clair 1/1/2/1 1/2/1/2/1 | service. In no event shall Caudrull be liable for incidential or consequentia damages, source you want the state of whether such claim is based upon any of the above stated residence of envices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated residence of the environment of the state of the environment of the | Verbal Result: All Results are en | □ Yes ailed. Ple | No Add'I Phone #: |
| But | Milled | Time: 0700 | ll | / | BJennings@ensolu | solum.com BBel | moon BBelille ensolum, com |
| Relinquished By: | Y | Date: 4/3/24 | Received By: | Mith | Cost center | APPANDAD31559 | 559 /nAPPQ402633992 |
| Delivered By: (Circle One) | ircle One) | Observed Temp. "C | | dition CHECKED BY: | Turnaround Time: | | Cool Intact Observed Temp. °C |
| | sampler - IIPS - Rus - Other: | Corrected Temp. "C | Pres To | l | Thermometer ID | #10 #JT 4/3 | 3/24 No No Corrected Temp. °C |

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Received | by | OCD: | 7/1 | 6/2024 | 5:01:45 | PM | |
|----------|----|------|-----|--------|---------|----|--|
| | | | | | | | |

| Company Name: Ensolum, LLC | 1 | | | BILL TO | | | | ANALYSIS REQUEST |
|------------------------------|--|--|---|--|--|------------|--|--|
| Project Manager: | Ben Belil | | | P.O. #: | | | | |
| ddross: 601 N N | larienfeld Str | ite 400 | | Company: XTO | | _ | | |
| City: Midland | | State: TX | Zip: 79701 | Attn: Anny Ruth | F | | | |
| Phone #: 989 | ESEO HSZ | Fax #: | | Address: 3104 E. C | Green St | | _ | |
| Project #: PTT | | Project Owner: | : XTO | city: Carlsbad | | | | |
| | 23070 | CVP. | | State: NM Zip: 8822 | 20 | | | |
| Project Location: 32, 21345 | - | 103,85032 | | Phone #: 432.44 | .641-0571 | _ | | |
| Sampler Name: Tracy Hillard | 12 | ich Santani | 10 | Fax #: | | | | |
| FOR LAB USE ONLY | | t | MATRIX | PRESERV. SAM | SAMPLING | | | |
| Lab I.D. | Sample I.D. | Depth (feet) | G)RAB OR (C)OMP. CONTAINERS ROUNDWATER VASTEWATER GOIL DIL | CIUDGE DTHER : ACID/BASE: CE / COOL DTHER : | TPH 8015 | BTEX 8021 | Chloride 4500 | |
| 1011150 | 121 | 0,5 | - # v × s | X 3 | 4 1015 X | × | × | |
| 9- | TSD8 | | | | 1020 | - | - | |
| R | | | | | 1025 | - | - | |
| τŪ | 150 | | | | 1028 | - | | |
| 5 | FSII | | | | 1050 | - | F | |
| 6 | FISIA | | | | 1054 | - | - | |
| 1 | 512 | | | | 1100 | - | - | |
| 2 | PICT | | 1 | | 1103 | - | | |
| D | FSIS | | 1 | | 11000 | - | - | |
| ao | FSIG | SIG Interior includes and client's exclusive remarks for any claim | any claim arising whether based in contr | contract or tort, shall be limited to the amount | paid by the client for the | - | F | |
| envice. In no event shall Ca | ardinal be liable for incidental or co | rer cause whatsoever shall be nsequental damages, includin | g without limitation, business interruption | r_transc rul ic. Learning and usining and usining and any other cause whatboever shall be deemed waived unless made in writing and received by Ocdraha within 30 days after completion or time, approare analyzes. All daits in tording bodies for neigligence and any other cause whatboever shall be deemed waived unless made in writing and received by Ocdraha within 30 days after completion or time, approare service. In no event shall Cardinal be liable for incidential or consequential damages, including without initiation, business interruptions, loss of use, or loss of the above stated reasons or otherwise. | viter completion of the app by client, its subsidiaries, I reasons or otherwise. | scapie | | |
| Relinquished By: | ing out of or related to the performance | Date: 4/3/24 Time: | re: 4/3/24 Received By: | | All Results are | re emailed | Yes □ No led. Please prov Sb(Unn.Com | Verbal Result: ロ Yes ロ No Add'l Phone #: All Results are emailed. Please provide Email address: らわといい ピッハ かいい・ピッハ |
| Relinquished By: | " | Date: U/3/24 Time:1450 | Received By: | a Wilder | REMARKS: di Cost anter di Incident: n | 5 83 | 210251001 APP2402531559 | 3155 |
| Delivered By: (Circle One) | | Observed Temp. "C | S.7 Sample Cor Cool Inta | ves (Initials) | Turnaround Time: Thermometer ID # | * | Rush HH40, | tact Yes |
| Sampler - UPS - | Bus - Other: | Corrected lemp. C | No I | | Correction Factor | or 0.5°C | the etc | 3/24 No No Corrected lemp. C |

Received by OCD: 7/16/2024 5:01:45 PM

| FURM-000 K 3.2 10/07/21 | Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Relifiquished By: | Relinquished By: | analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or conse arfiliates or successors arising out of or related to the performance | PLEASE NOTE: Liability and Damages. Cardinal's liability | | | | 83 FS19 | SIST FSIS | A FSIT | | Lab I.D. Sample I.D. | | Sampler Name: Tracy Hillard / U | 5 | Project Name: PLU 23 DTD | Project #: 03C1558333 | Phone #: 989 854 0852 | City: Midland | | Project Manager: Ben Bel | Company Name: Ensolum, LLC | 101 East Marland | Labora |
|---|--|--------------------------|---------------------------------|--|--|--|--|--|---------|-----------|-------------|----------------|--|--------------------------|---------------------------------|----------------------|--------------------------|-----------------------|-----------------------|----------------------|--------------|--------------------------|----------------------------|-----------------------------------|----------------------------|
| † Cardinal cannot acce | Observed Temp. *C Corrected Temp. *C | Received | Time: 700 | my ofther cause whatsurveri avail use userinise mercentse or consequential damages, including without limitation, business interruptions, formance of services hereunder by Cardinal, regardless of whether such claim | Cardinal's liability and client's exclusive remedy for any claim arising whet | | | | 1 01 | 1 0 1 | 0.5 0.1 | # G | (feet) B)RAB OR (C)OMP. CONTAINERS ROUNDWATER | ľ | Ariel Scotanilla | -103,85032 |) CNB | Project Owner: XTO | Fax #: | State: TX Zip: 79701 | Suite 400 | | | 101 East Marland, Hobbs, NM 88240 | poratories |
| Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | Sample Condition CHECKED BY: Cool Inflact (Initialis) Pres Pres No No | the and | - | usiness interruptions, loss of use, or loss of profits incurred by dis of whether such claim is based upon any of the above stated read | PLEASE NOTE: Liability and Damages. Cardina's liability and clients exclusive remedy for any daim arising whether based in contract or fort shall be limited to the amount paid by the client for the applicable applicable to the second values of the contract or fort shall be limited to the amount paid by the client for the applicable of the second values and the value of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the amount paid by the client for the second values of the contract or fort shall be limited to the second values of the client for the client for the client | | | | - | | X X 3.28-24 | S O S O A IC O | | MATRIX PRESERV. SAMPLING | Fax #: | Phone #: 432.441.057 | State: NM Zip: 8823 | city: (Sortsbad | i cr | Attn: Anny Ruth | Company: XTO | P.O. #: | BILL TO | | |
| nges to celey.keene@cardinal | Turnaround Time: Rush Thermometer ID #113-#140 Correction Factor 0.5°C 70.41 | The dent: ADP 2402531559 | em | ent, its subsidiaries, sons or otherwise. Verhal Result: Ves No | by the client for the completion of the applicable | | | | | | 1113 X X X | | TPH 8015 BTEX 8021 Chloride 4500 | ING | | 1750 | of | | Greene | P | | | | | CHAIN-OF-CUSTODY |
| labsnm.com | Cool Intact Observed Temp.°C | DAS31559/NAPP3402633992 | rrovide Email address: സ. രഹ | o Add'I Phone #: | | | | | | | | | | | | | | | | | | | ANALYSIS REQUEST | | STODY AND ANALYSIS REQUEST |

Page 28 of 28



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



| | | ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HW ¹ CARLSBAD NM, 88220 Fax To: | Y | |
|-----------------|----------------|--|---------------------|---------------|
| 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 |

XTO 32.213078,-103.850626

Sample ID: BH 01 0.5' (H242580-01)

Project Location:

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.5 | % 49.1-14 | 0 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 01 B 2' (H242580-02)

| BTEX 8021B | mg/ | kg | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | 6 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 01 D 4' (H242580-03)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 02 B 2' (H242580-04)

| BTEX 8021B | mg, | /kg | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 02 D 4' (H242580-05)

| BTEX 8021B | mg/kg | | Analyze | d 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 03 0.5' (H242580-06)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 127 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 03 B 2' (H242580-07)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 03 D 4' (H242580-08)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 9 | % 48.2-13 | 4 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 04 0.5' (H242580-09)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 04 B 2' (H242580-10)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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,-10 | 3.850626 | | |

Sample ID: BH 04 D 4' (H242580-11)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 05 0.5' (H242580-12)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 05 B 2' (H242580-13)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 8.850626 | | |

Sample ID: BH 06 0.5' (H242580-14)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 06 B 2' (H242580-15)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | 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 | 3.850626 | | |

Sample ID: BH 06 D 4' (H242580-16)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 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 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 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 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Of Disast Manual, LCP BIL TO MAX-YSIS Common Vinnes, Example, LLP, March, Left, Start, Start, Max 202 Example, Xin, Max 202 Example, Xin, Max 202 Project Wannage, T, TCY, H, LL, Left, Start, Max 202 State: N/M, 202 Fig. 8.7 State: N/M, 202 Fig. 8.7 Project Wannage, T, TCY, H, LL, Left, Start, Max 202 State: N/M, 202 Fig. 8.7 State: N/M, 202 Fig. 8.7 Project Wannage, T, TCY, H, LL, Left, Start, Max 202 State: N/M, 202 Fig. 8.7 State: N/M, 202 Fig. 8.7 Project Wannage, T, TCY, H, LL, Left, Start, Max 202 State: N/M, 202 Fig. 8.7 State: N/M, 202 Fig. 8.7 Project Wannage, T, TCY, H, LL, Left, Start, Max 202 Fig. 8.7 State: N/M, 202 Fig. 7.7 Attra-Ray, Current, Start, Max 202 Fig. 7.7 Attra-Ray, Current, Max 202 Fig. 7 | Company Name: Encolum, LLC BILL TO Originary Name: Encolum, LLC State: NUM Zaje: To ZCO Attract Any Full And Encry Originary Name: Encolume: State: NUM Zaje: To ZCO Attract Any Full And Encry Bill TO Originary Name: Cl : Cl : Scale Fax #: Bill : TO Address: Side: Cl : Scale Originary Name: Cl : Cl : Scale Fax #: Bill : TO Bill : TO Simple: Name: Cl : Cl : Scale Fax #: Bill : TO Bill : TO Simple: Name: Cl : Cl : Scale Fax #: Bill : TO Bill : TO Bill : District : Scale Sample: Li : Cl : Scale Bill : To Scale </th |
|---|---|
|---|---|

Page 117 of 125

Received by OCD: 7/16/2024 5:01:45 PM

Released to Imaging: 8/5/2024 3:32:03 PM

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 7/16/2024 5:01:45 PM

| Company Name: Ensolum, LLC | nsolum, LLC | | BILL TO | | ANALYSIS REQUEST |
|--|--|--|---|--|--|
| Project Manager: Tracy | Hillard | D | P.O. #: | - | |
| Address: 3122 National | onal Parks Hwy | | Company: XTO Energ | 4.4.4 | |
| city: Car Isbad | | Zip: 82220 A | | | |
| Phone #: 5759373906 | | | X | ene st | |
| Project #: 030 155 3323 | | | city: Cour Sbad | | |
| Project Name: 036155323 | 1 | | V. | 220 | |
| Project Location: 32.213078, | -103.25 | 0626 | Phone #: | | |
| Sampler Name: ()rir) | 1 11 2 | | av #: | | |
| | 10 | | 1 | | 0 |
| FOR LAB USE ONLY | | MATRIX | PRESERV. SAMPLING | | × |
| Lab I.D. Sample I.D. | le I.D. Depth | | ASE: | lorida PH | TE |
| H247580 | | # CON GROU | ACID/ ICE / 0 OTHE | TIME | (|
| 11 GHOYD | h, d | 1 X | × | XX 0051 | X |
| 12 BHOS | 0,5' | | 5/10/24 | - | |
| | 00 | | | 932 | |
| 14 BHOG | | | | 1040 | |
| | 90 | | | 1044 | |
| 10 BHOG | 60 4 | * * | * | 1050 t t | 4 |
| | | | | | |
| | | | | | |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for 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 | al's liability and client's exclusive remedy for a nee and any other cause whatsoever shall be | ny claim arising whether based in contract or to seemed waived unless made in writing and rec | ort, shall be limited to the amount paid served by Cardinal within 30 days after r | by the client for the completion of the applicable | |
| affiales 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. | o the performance of services hereunder by C | puental damages. Including without limitation, business interruptions, loss of use, or loss of profits including services hereunder by Cardinal, regardless of whether such claim is based upon any of the above | of use, or loss of profits incurred by clic sed upon any of the above stated reas | ont, its subsidiaries, ions or otherwise. | |
| Relinquished By: | S/10/24 | Received By: | | Verbal Result: Verbal Result: Yes All Results are emailed. | Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address: |
| U Luna | Time:SIT | applicas | | thillard @ e | thillard @ easolum.com |
| Relinquished By: | Date: | Received By: | | REMARKS: Cost ce | cater: 2210251001 |
| | Time: | | | 0 A 0 | 559 |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other | Observed Temp. "S & C | Sample Condition | CHECKED BY: | Turnaround Time: | Standard 2 |

N

of

U

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 364651

| QUESTIONS | |
|------------------------|--|
| Operator: | OGRID: |
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 364651 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Prerequisites | |
|----------------|---|
| cident ID (n#) | nAPP2402531559 |
| cident Name | NAPP2402531559 PLU 23 DOG TOWN DRAW CVB @ 0 |
| cident Type | Oil Release |
| cident Status | Remediation Plan 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 | Νο |
| Has this release substantially damaged or will it substantially damage property or the environment | Νο |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

| Material(s) released, please answer all that apply below. Any calculations or specific justifications fo | r 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. | | |

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Page 120 of 125

Action 364651

QUESTIONS (continued) Operator: OGRID: **XTO ENERGY, INC** 5380 6401 Holiday Hill Road Action Number Midland, TX 79707 364651 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

| | Nature and Volume of Release (continued) | |
|---|---|--|
| | Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| ſ | 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. | | | | |
| actions to date in the follow-up C-141 submission. If remedial efforts have been successfully complete | ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission. | | | |
| Subsection A of 19.15.29.11 MAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | | | | |
| | | | | |

| Email: Melanie.Collins@exxonmobil.com | I hereby agree and sign off to the above statement | Name: Melanie Collins Title: Regulatory Analyst |
|---------------------------------------|--|--|
| | | Email: Melanie.Collins@exxonmobil.com |

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 364651 |
| | Action Type: |
| | [C 141] Site Char / Perediction Plan C 141 (C 141 v Plan) |

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 ar | nd 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 de | monstrating 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 vertication | al extents of contamination been fully delineated | Yes |
| Was this release entirely o | ontained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | | ligrams per kilograms.) |
| Chloride (EPA 300.0 or SM4500 Cl B) 160 | | 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 NMA which includes the anticipated timelines for beginning and completing the remediation. | | |
| On what estimated date w | ill the remediation commence | 09/13/2024 |
| On what date will (or did) t | he 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 surf | ace area (in square feet) that will be reclaimed | 28300 |
| What is the estimated volu | me (in cubic yards) that will be reclaimed | 2000 |
| What is the estimated surf | ace area (in square feet) that will be remediated | 28300 |
| What is the estimated volu | me (in cubic yards) that will be remediated | 2000 |
| These estimated dates and measu | irements 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. |
| 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 is required. | | |

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

QUESTIONS, Page 3

Action 364651

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 364651

 QUESTIONS (continued)

 Operator:
 OGRID:

 XTO ENERGY, INC
 5380

 6401 Holiday Hill Road
 Action Number:

 Midland, TX 79707
 364651

 Action Type:
 [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510] OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state Not answered. OR is the off-site disposal site, to be used, an NMED facility Not answered (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered. Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations Name: Alan Romero Title: Regulatory Analyst I hereby agree and sign off to the above statement Email: alan.romero1@exxonmobil.com Date: 07/16/2024

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.

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 364651

| QUESTIONS (continued) | | |
|---|--|--|
| Operator: XTO ENERGY, INC | OGRID: 5380 | |
| 6401 Holiday Hill Road Midland, TX 79707 | Action Number: 364651 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| QUESTIONS | | |

Deferral Requests Only

| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. | | | |
|--|----|--|--|
| Requesting a deferral of the remediation closure due date with the approval of this submission | No | | |

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 364651

Page 124 of 125

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|--|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 364651 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 340363 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 05/10/2024 |
| What was the (estimated) number of samples that were to be gathered | 20 |
| What was the sampling surface area in square feet | 4000 |
| | |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. Requesting a remediation closure approval with this submission No

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page 125 of 125

CONDITIONS

Action 364651

| CONDITIONS | | |
|---|--|--|
| Operator: XTO ENERGY, INC | OGRID: 5380 | |
| 6401 Holiday Hill Road Midland, TX 79707 | Action Number: 364651 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| CONDITIONS | | |

| Created By | Condition | Condition Date | 1 |
|------------|--|-------------------|---|
| rhamlet | The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards 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 chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. The Variance Request for 400 ft2 floor confirmation sample size is approved. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the report has been reviewed. | 8/5/2024 | |