Remediation Summary & Soil Closure Request

XTO Energy, Inc. PLU C2 Frac Pond

Eddy County, New Mexico
Unit Letter "A", Section 11, Township 25 South, Range 30 East
Latitude 32.14977 North, Longitude 103.84655 West
NMOCD Reference No. nAPP2419849771

Prepared By:

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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of XTO Energy, Inc., has prepared this *Remediation Summary* & *Soil Closure Request* for the release site known as the PLU C2 Frac Pond (henceforth, "Site"). Details of the release are summarized below:

| Latitude: | 32.1 | 4977 | Longitude | -103.84655 | | | |
|-----------------------------------|-----------|-----------------------|-------------------------|---|---|--|--|
| | | Provide | ed GPS are in WGS84 for | | | | |
| Site Name: | PLU C2 | 2 Frac Pond | Site Type: | Flowline | | | |
| Date Release Discovere | ed: | 6/15/2024 | API # (if appl | icable): N/A | | | |
| | ction | Township 25S | Range 30E | County Eddy | | | |
| Surface Owner: Sta | ate XI | Federal Tribal | Private (N | ame | | | |
| | | | nd Volume of | | | | |
| | | | iiu voiuiiie oi | Reiease | | | |
| Crude Oil | Volume | e Released (bbls) | | Volume Recovered (bbls) | | | |
| X Produced Water | Volume | e Released (bbls) | 57 | Volume Recovered (bbls) 0 | | | |
| | | oncentration of disso | | X Yes No N/A | | | |
| Condensate | Volume | e Released (bbls) | | Volume Recovered (bbls) | | | |
| Natural Gas | Volume | e Released (Mcf) | | Volume Recovered (Mcf) | | | |
| Other (describe) | Volume | e/Weight Released | | Volume/Weight Recovered | | | |
| Cause of Release: Human error. | | | | | | | |
| | | | | | | | |
| | | Tı | nitial Response | | | | |
| | | | muai Response | | | | |
| X The source of the r | elease ha | s been stopped. | | | | | |
| X The impacted area | has been | secured to protect hu | ıman health and the | environment. | | | |
| X Release materials l | nave been | contained via the use | e of berms or dikes, | absorbent pad, or other containment devices | S | | |
| | | | | | | | |

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)? | Between 100 and 500 (ft.) |
|--|---------------------------------|
| What method was used to determine the depth to groundwater? | NM OSE iWaters Database Search |
| Did the release impact groundwater or surface water? | Yes X No |
| What is the minimum distance between the closest lateral extents of the release and the following surface areas? | |
| A continuously flowing watercourse or any other significant watercourse? | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | Between 1,000 (ft.) and ½ (mi.) |
| An occupied permanent residence, school, hospital, institution or church? | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | Between 1,000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring? | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field? | Greater than 5 (mi.) |
| A wetland? | Between 1,000 (ft.) and ½ (mi.) |
| A subsurface mine? | Greater than 5 (mi.) |
| A (non-karst) unstable area? | Between 1 and 5 (mi.) |
| Categorize the risk of this well/site being in a karst geology. | Low |
| A 100-year floodplain? | Between 1,000 (ft.) and ½ (mi.) |
| Did the release impact areas not on an exploration, development, production or storage site? | Yes X No |

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided in Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

| Probable Depth to Groundwater | Constituent | Laboratory Analytical Method | Closure Criteria*† | Reclamation Standard*‡ |
|-------------------------------|--|-----------------------------------|-----------------------|---------------------------|
| | Chloride (Cl-) | EPA** 300.0 or SM4500 Cl B | 20,000 | 600 |
| Between 100 and | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 2,500 | 100 |
| 500 (ft.) | Gas Range Organics + Diesel Range Organics (GRO+DRO) | EPA SW-846 Method 8015M | 1,000 | N/A |
| 300 (II.) | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 | 10 |
| | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 | 50 |

^{*} Measured in milligrams per kilogram (mg/kg)

^{**} Environmental Protection Agency

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

[‡] The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT

On July 2, 2024, Etech conducted an initial site assessment. During the initial site assessment, nine (9) hand-augered soil bores (SP 1 through SP 9) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, four (4) hand-augered soil bores (NH, EH, SH, and WH) were advanced along/outside the release margins to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, a total of 26 delineation soil samples (NH @ Surf, NH @ 1', EH @ Surf, EH @ 1', SH @ Surf, SH @ 1', WH @ Surf, WH @ 1', SP 1 @ Surf, SP 1 @ 1', SP 2 @ Surf, SP 2 @ 1', SP 3 @ Surf, SP 3 @ 1', SP 4 @ Surf, SP 5 @ Surf, SP 5 @ 1', SP 6 @ Surf, SP 6 @ 1', SP 7 @ Surf, SP 7 @ 1', SP 8 @ Surf, SP 8 @ 1', SP 9 @ Surf, and SP 9 @ 1') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and did not extend beyond one (1) foot bgs in the areas characterized by sample points SP 1, SP 2, SP 3, SP 5, and SP 8. The horizontal extent of impacted soil was adequately defined in the area characterized by sample point NH; however, additional horizontal delineation and/or excavation was required in the areas characterized by sample points EH and WH. Soil was not impacted above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in the areas characterized by sample points SP 4, SP 6, SP 7, or SP 9. The chloride contamination observed in soil sample SH @ Surface is believed to be unrelated to the subject release due to the location of the sample point relative to the point of release and the inferred affected area.

The locations of the hand-augered soil borings are depicted in Figure 3A, "Sample Location Map - Delineation".

5.0 REMEDIATION ACTIVITIES SUMMARY

| Requesting a remediation plan approval with this submission? | X Yes No |
|---|-------------------------|
| Have the lateral and vertical extents of contamination been fully delineated? | X Yes No |
| Was this release entirely contained within a lined containment area? | Yes X No |
| On what estimated date will (or did) the remediation commence? | 7/12/2024 |
| On what date will (or did) the final sampling or liner inspection occur? | 7/24/2024 |
| On what date will (or was) the remediation complete(d)? | 7/30/2024 |
| What is the total surface area (sq. ft.) in need of or that will eventually be reclaimed? | 0 |
| What is the total volume (cy) in need of or that will eventually be reclaimed? | 0 |
| What was the total surface area (sq. ft.) that has or will be remediated? | 12,451 |
| What was the total volume (cy) that has or will be remediated? | 1,612 |
| This remediation utilized the following processes to remediate/reduce contaminants: | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | X Yes No |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Yes X No |
| (In Situ) Soil Vapor Extraction | Yes X No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Yes X No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Yes X No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Yes X No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Yes X No |
| Other (Non-listed remedial process) | Yes X No |
| Which OCD approved facility was or will be used for off-site disposal? | R360 Red Bluff Facility |
| NMOCD Disposal Facility ID? | Texas |
| Summarize any additional remediation activities not included by answers above. | See below |

On July 12, 2024, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

| Constituent | Highest Observed Concentration (mg/kg) | Sample ID | Sample Date | Sample Depth (ft bgs) | Soil Status |
|-------------|---|----------------------------|--------------------------------|--------------------------|---------------------|
| Chloride | 17,600 | SP 2 @ Surf | 7/2/2024 | 0 | Excavated |
| TPH | 39.3 | SP 2 @ Surf | 7/2/2024 | 0 | Excavated |
| GRO+DRO | 10.1 | SP 2 @ Surf | 7/2/2024 | 0 | Excavated |
| BTEX | <0.300 | All submitted soil samples | 7/2, 7/18, 7/23 & 7/24/2024 | 0 - 4 | In-Situ & Excavated |
| Benzene | < 0.050 | All submitted soil samples | 7/2, 7/18, 7/23 & 7/24/2024 | 0 - 4 | In-Situ & Excavated |

Please reference Table 1 for additional information.

On July 18, 2024, Etech collected 31 confirmation soil samples (FL 1 @ 4' through FL 28 @ 2', NW 1, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory method detection limits (MDL). Chloride concentrations ranged from 16.0 mg/kg in soil samples FL 2 @ 4', FL 3 @ 4', FL 5 @ 4', FL 6 @ 4', FL 11 @ 4', and FL 13 @ 4' to 224 mg/kg in soil sample FL 20 @ 4'.

On July 23, 2024, Etech collected 33 confirmation soil samples (FL-29 @ 4' through FL-56 @ 2', EW-1, EW-2, EW-3, SW-1, and SW-2) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample EW-2 to 288 mg/kg in soil sample FL-34 @ 2'.

On July 24, 2024, Etech collected six (6) confirmation soil samples (FL-57 @ 4' through FL-60 @ 4', NW 2, and WW 3) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil samples FL-57 @ 4' and WW 3 to 96.0 mg/kg in soil sample NW 2.

The final dimensions of the excavated area were approximately 106 to 132 feet in length, 60 to 75 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, Etech transported approximately 1,612 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,596 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3B, "Sample Location Map - Excavation". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

6.0 SOIL CLOSURE REQUEST

| Requesting a deferral of remediation closure due date with the approval of this submission? | Yes X No |
|--|----------|
| Requesting a remediation closure approval with this submission? | X Yes No |
| Have the lateral and vertical extents of contamination been fully delineated? | X Yes No |
| Was this release entirely contained within a lined containment area? | Yes X No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion. | X Yes No |
| What was the total surface area (sq. ft.) remediated? | 12,451 |
| What was the total volume (cy) remediated? | 1,612 |

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends XTO Energy, Inc., provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Site.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed | |
|--|----------|
| to contain a minimum of four feet of non-waste containing earthen material with concentrations of less | X Yes No |
| than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene? | |
| Requesting a reclamation approval with this submission? | X Yes No |
| Requesting a restoration complete approval with this submission? | Yes X No |
| What was the total surface area (in square feet) reclaimed? | 12,451 |
| What was the total volume (in cubic yards) reclaimed? | 1,568 |

On July 24, 2024, a 5-point composite soil sample (Backfill Sample) was collected from the imported material stockpiled onsite to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

From July 24 through July 30, 2024, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with the stockpiled material (characterized by soil sample Backfill Sample) emplaced at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

The release was limited to an active frac pond facility and did not impact the adjacent pasture. Final revegetation will be conducted upon decommissioning and abandonment of the location. The reclaimed area will be revegetated with an agency and/or landowner-approved seed mix during the first favorable growing season following closure of the facility. The seed mix will be certified as weed-free and installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of XTO Energy, Inc. Use of the information contained in this report is prohibited without the consent of Etech and/or XTO Energy, Inc.

9.0 DISTRIBUTION

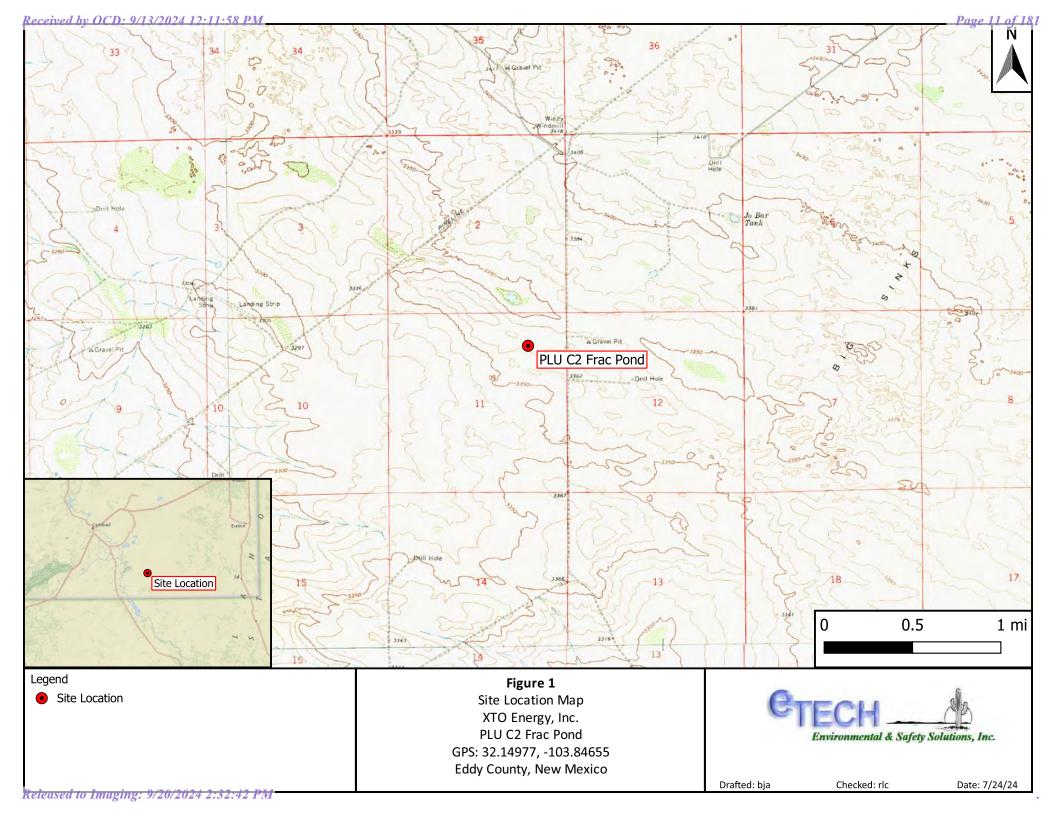
XTO Energy, Inc. 3104 E. Greene St. Carlsbad, NM 88220

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

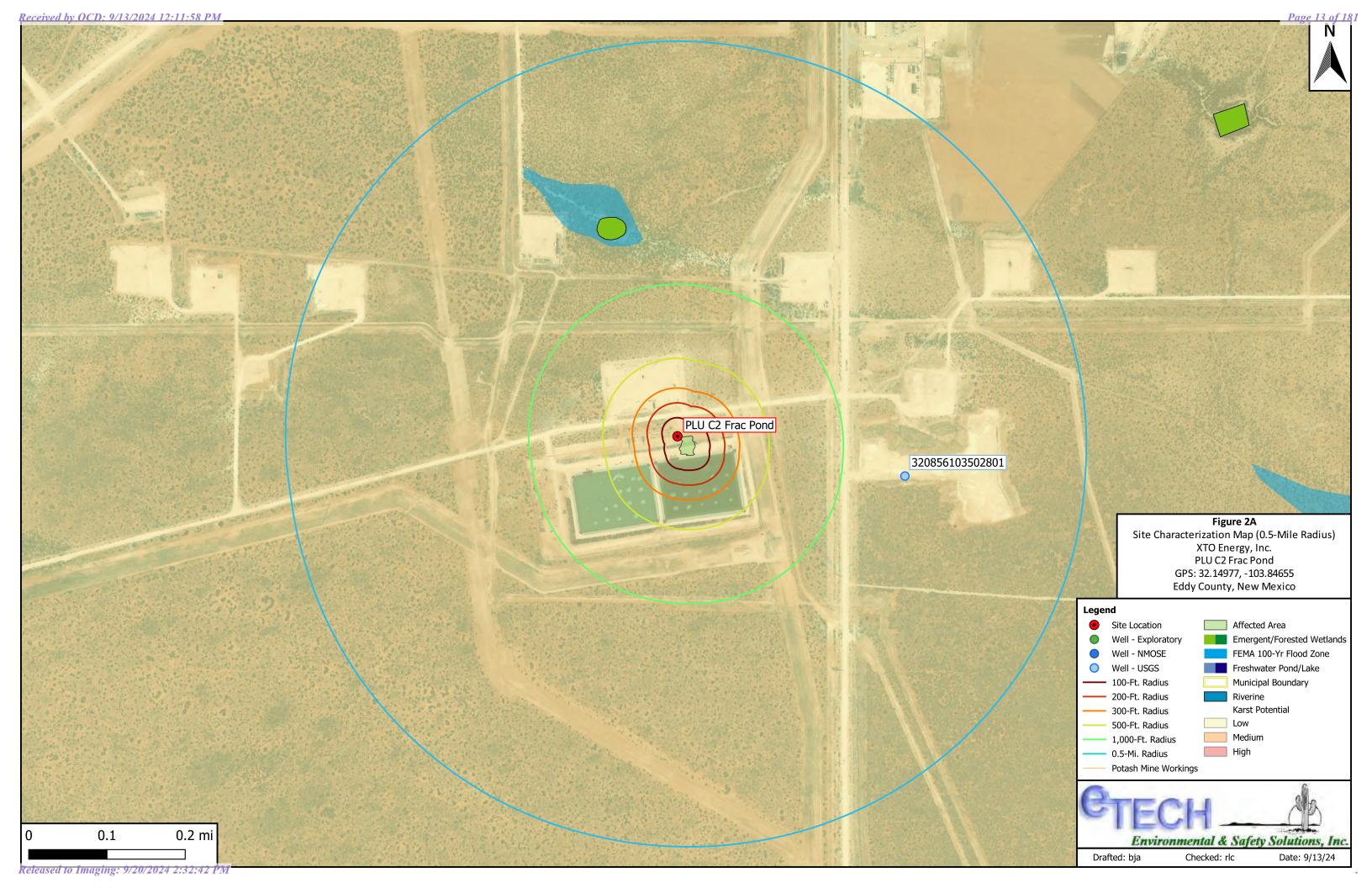
United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

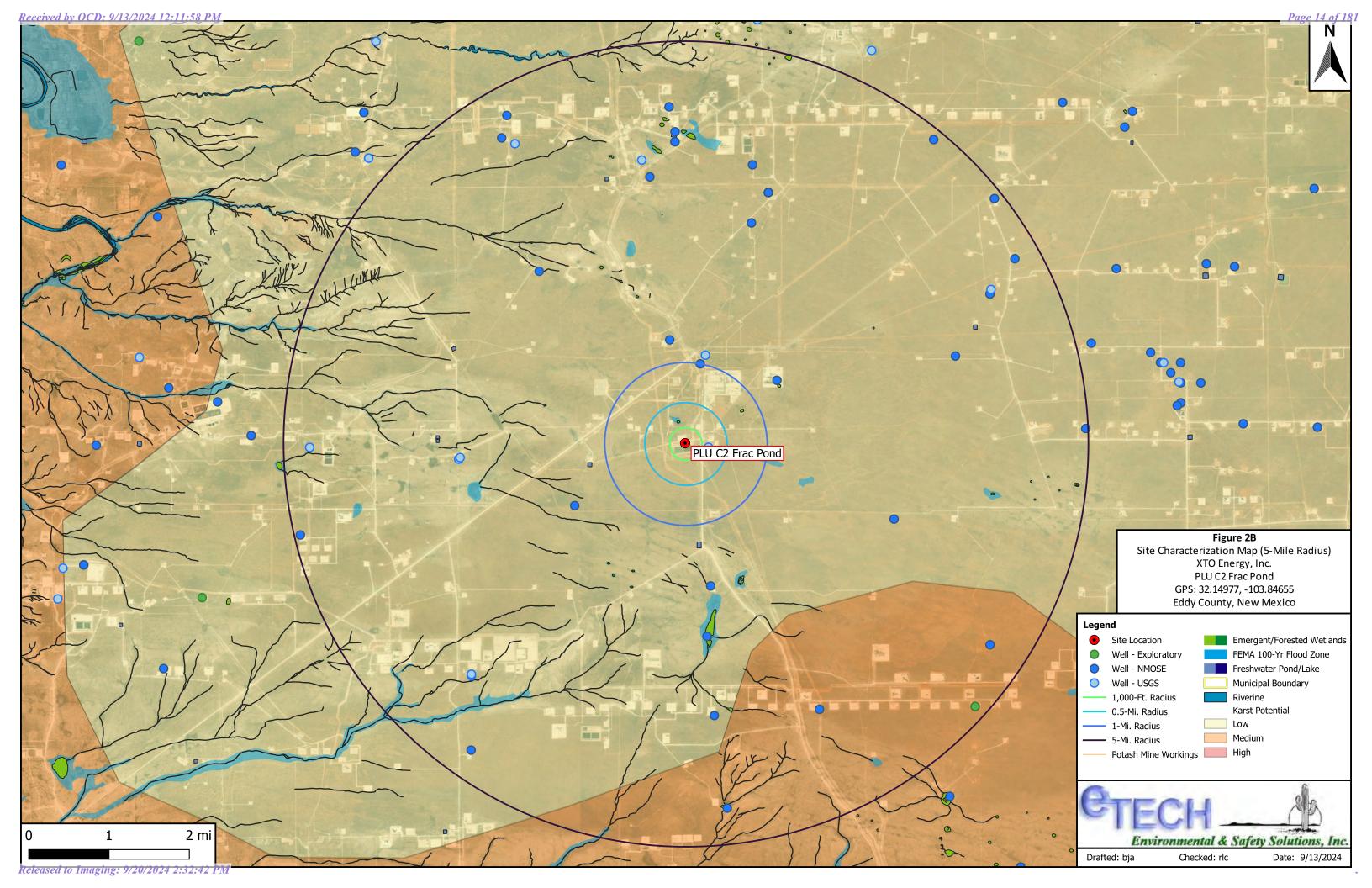
(Electronic Submission)

Figure 1 Site Location Map

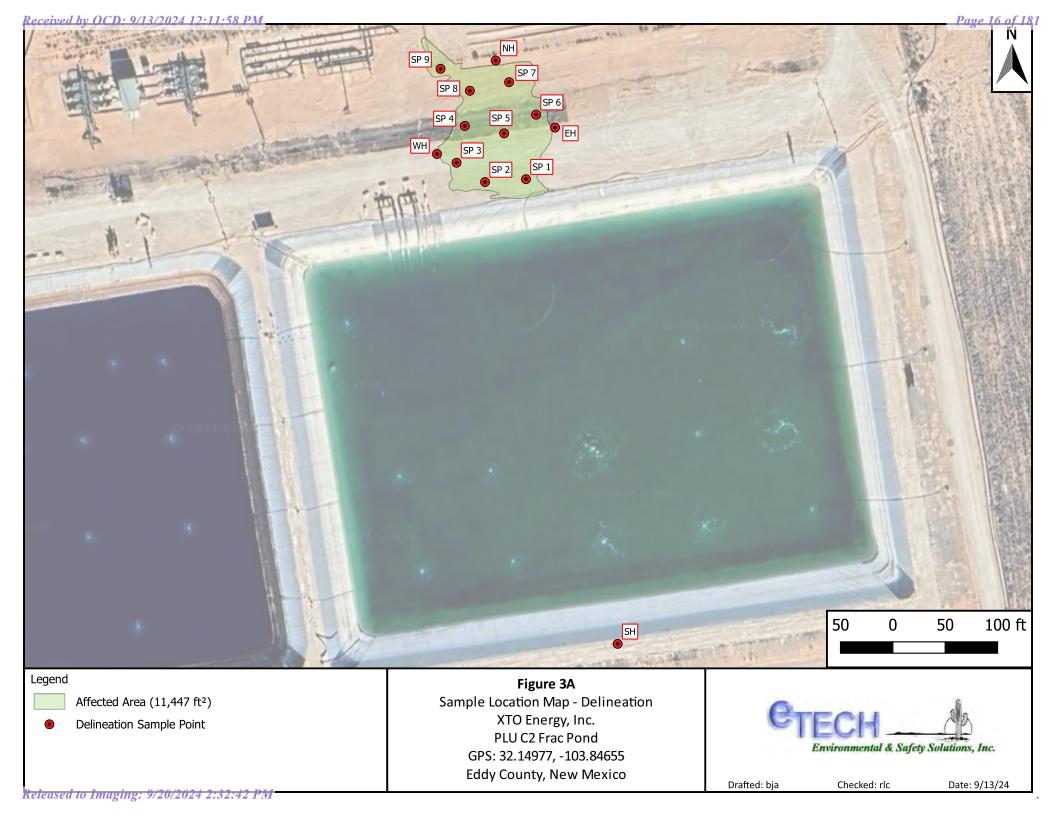


Figures 2A & 2B Site Characterization Maps





Figures 3A & 3B Sample Location Maps



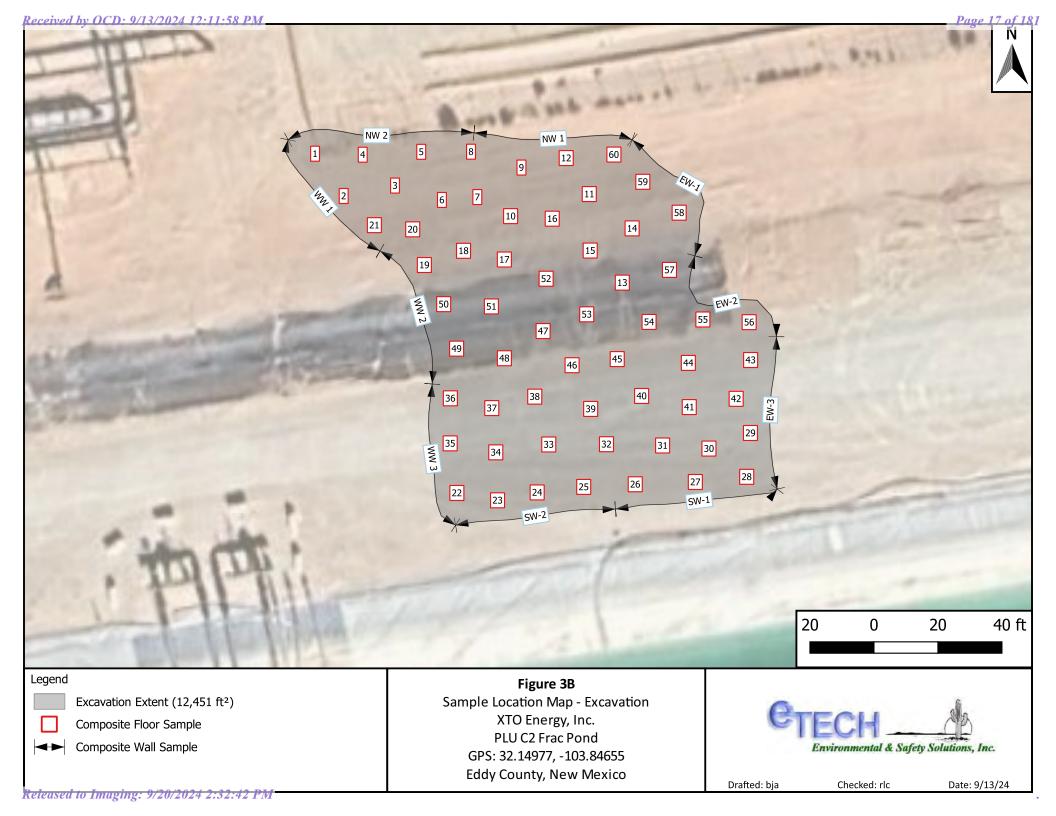


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

| | Table 1 Concentrations of BTEX, TPH & Chloride in Soil | | | | | | | | | | | | | |
|-------------|---|-----------------|-------------|---------|---------------|--|---|--------------|---|--|----------|--|--|--|
| | | | Concentr | | | | oride in So |)1l | | | | | | |
| | XTO Energy, Inc. PLU C2 Frac Pond | | | | | | | | | | | | | |
| | NMOCD Ref. #: nAPP2401640490 | | | | | | | | | | | | | |
| NIMA | NMOCD Closure Criteria 10 50 N/A N/A 1,000 N/A 2,500 20,000 | | | | | | | | | | | | | |
| | | | | 10 | 50 | | | | | | 600 | | | |
| | | | | | | | | | | | | | | |
| | SW 846 8021B SW 846 8015M Ext. | | | | | | | | | 4500 Cl | | | | |
| Sample ID | Date | Depth (Feet) | Soil Status | Benzene | BTEX | GRO C ₆ -C ₁₀ | DRO C ₁₀ -C ₂₈ | DRO | ORO C ₂₈ -C ₃₆ | ТРН С ₆ -С ₃₆ | Chloride | | | |
| | | (2 000) | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | C_6-C_{28} | (mg/kg) | (mg/kg) | (mg/kg) | | | |
| | Delineation Samples | | | | | | | | | | | | | |
| NH @ Surf | 7/2/2024 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | | |
| NH @ 1' | 7/2/2024 | 1 | In-Situ | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| EH @ Surf | 7/2/2024 | 0 | Excavated | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,120 | | | |
| EH @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 | | | |
| SH @ Surf | 7/2/2024 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 6,000 | | | |
| SH @ 1' | 7/2/2024 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 | | | |
| WH @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,120 | | | |
| WH @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | | |
| SP 1 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,740 | | | |
| SP 1 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 | | | |
| SP 2 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | 10.1 | 10.1 | 29.2 | 39.3 | 17,600 | | | |
| SP 2 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 | | | |
| SP 3 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 6,530 | | | |
| SP 3 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | | |
| SP 4 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 | | | |
| SP 4 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| SP 5 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,040 | | | |
| SP 5 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 | | | |
| SP 6 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 | | | |
| SP 6 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 | | | |
| SP 7 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | | |
| SP 7 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| SP 8 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,460 | | | |
| SP 8 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 | | | |
| SP 9 @ Surf | 7/2/2024 | 0 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 | | | |
| SP 9 @ 1' | 7/2/2024 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| | | | | E | xcavation Sai | nples | - | | | | | | | |
| FL 1 @ 4' | 7/18/2024 | 4 | In-Situ | <10.0 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 80.0 | | | |
| FL 2 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 | | | |
| FL 3 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 4 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 5 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | | |
| FL 6 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 7 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 8 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| FL 9 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| FL 10 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 | | | |
| FL 11 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | | |
| FL 12 @ 4' | 7/18/2024 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 13 @ 4' | 7/18/2024 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 | | | |
| FL 14 @ 4' | 7/18/2024 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | | |
| FL 15 @ 4' | 7/18/2024 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 | | | |
| FL 16 @ 4' | 7/18/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | < 30.0 | 80.0 | | | |

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. **Red:** NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

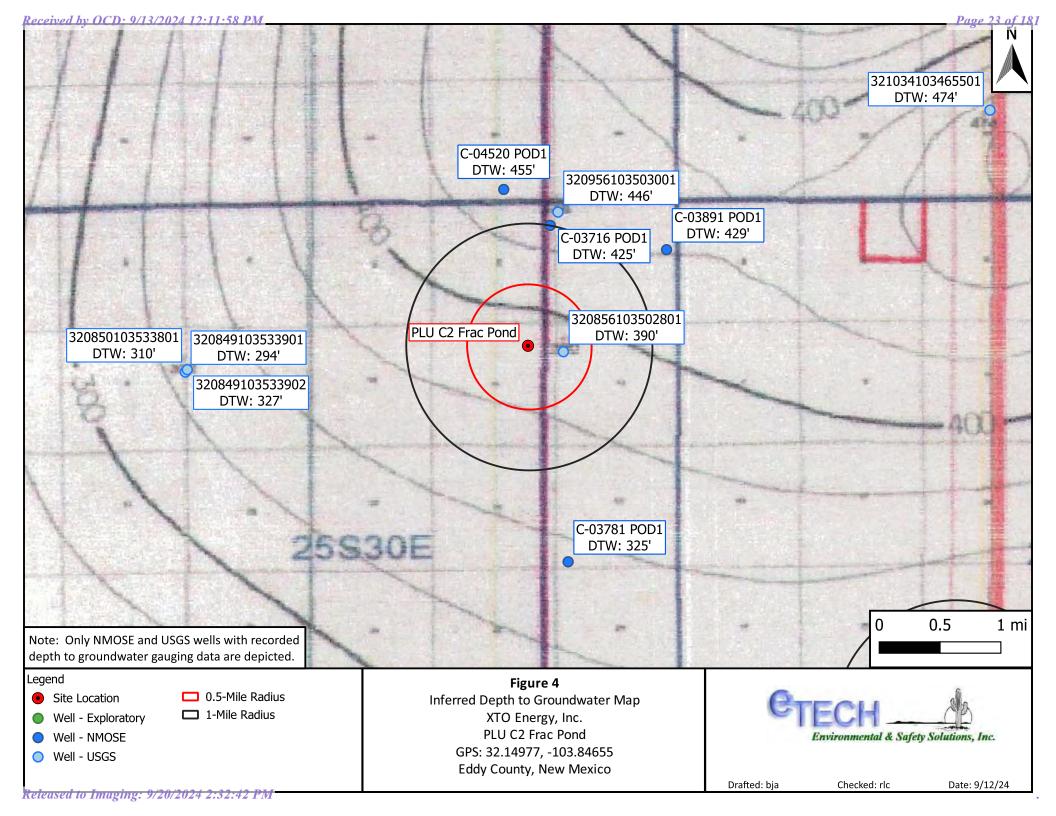
Table 1 Concentrations of BTEX, TPH & Chloride in Soil XTO Energy, Inc. PLU C2 Frac Pond NMOCD Ref. #: nAPP2401640490

| FL 28 @ 2' | | | | N | | ef. #: nAP | | | | I | | |
|---|------------|---------------|----------|-------------|---------|------------|-------|-------|--------|-------|--------|----------|
| March Part | | | | | | | | | | | | |
| Part | NMOCI | D Reclamation | Standard | | 10 | 50 | N/A | | | N/A | 100 | |
| Fig. Part | | | | | SW 840 | 6 8021B | | SW | | Ext. | | 4500 Cl |
| H. 17 @ 4' | Sample ID | Date | _ | Soil Status | Benzene | BTEX | | | | | | Chloride |
| FL 17 @ 4 | _ | | (Feet) | | | | | | | | | |
| Fig. 8 4 | | | | | | | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | |
| $\begin{array}{c} F.21 & 44 & 7/18/2024 & 4 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 224 \\ F.22 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 112 \\ F.23 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 102 \\ F.24 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 80.0 \\ F.24 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 80.0 \\ F.25 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 80.0 \\ F.27 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 80.0 \\ F.27 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 80.0 \\ F.27 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 104 \\ F.28 & 2^{\circ} & 7/18/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 104 \\ F.29 & 4^{\circ} & 7/23/2024 & 4 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 106 \\ F.30 & 4^{\circ} & 7/23/2024 & 4 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 106 \\ F.31 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 104 \\ F.33 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 144 \\ F.33 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 144 \\ F.33 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 144 \\ F.34 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 144 \\ F.34 & 2^{\circ} & 7/23/2024 & 2 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 145 \\ F.36 & 1^{\circ} & 7/23/2024 & 1 & In-Situ & <0.050 & <0.300 & <10.0 & <10.0 & <20.0 & <10.0 & <30.0 & 145 \\ F.36 & 1^{\circ} & 7/23/2024 & 1 & In-Situ & <$ | | | | | | | | | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | |
| Fig. 23 @ 2' 7/18/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <96.0 | | | | | | | | | | | | |
| FL 24 @ 2' 7/18/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <80.0 | | i e | 2 | | | | | | | | | |
| FL 25 @ 2' 7/18/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 128 FL 26 @ 2' 7/18/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <1 | | | 2 | | | < 0.300 | <10.0 | | <20.0 | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | 2 | | | | <10.0 | <10.0 | | <10.0 | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 7/18/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FI_28 @ 2' | FL 26 @ 2' | | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FL-29 @ 4' | FL 27 @ 2' | 7/18/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL-30 @ 4' 7/23/2024 | FL 28 @ 2' | 7/18/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL-31 @ 2' 7/23/2024 2 In-Situ | FL-29 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 176 |
| FL-32 @ 3' | FL-30 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | < 30.0 | 192 |
| FL-33 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <256 FL-34 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <20.0 288 FL-35 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 288 FL-35 @ 2' 7/23/2024 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-36 @ 1' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-38 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-39 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-41 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 144 FL-46 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 FL-45 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 FL-46 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 FL-47 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 100 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 | FL-31 @ 2' | 7/23/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL-34 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <30.0 288 FL-35 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <192 FL-36 @ 1' 7/23/2024 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <192 FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <192 FL-38 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-39 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-39 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <176 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <176 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <176 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <144 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <144 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <144 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <144 FL-47 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-51 @ 2' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <160 FL-51 @ 2' 7/23/2024 | FL-32 @ 3' | 7/23/2024 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL-35 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-36 @ 1' 7/23/2024 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-38 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-41 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 224 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 208 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 208 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 114 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 114 FL-45 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 124 FL-45 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-50 @ 3' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 | FL-33 @ 2' | 7/23/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FL-36 @ 1' 7/23/2024 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 192 FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-38 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-38 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-39 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-40 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-41 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 FL-42 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 224 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 208 FL-43 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 208 FL-45 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 144 FL-44 @ 3' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 124 FL-45 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 124 FL-47 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-48 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-50 @ 3' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 160 FL-50 @ 3' 7/23/2024 3 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 96.0 FL-50 @ 3' 7/23/2024 3 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 96.0 FL-50 @ 3' 7/23/2024 4 In-Situ <0.050 | FL-34 @ 2' | 7/23/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FL-37 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176 | FL-35 @ 2' | 7/23/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FL-38 @ 4' | FL-36 @ 1' | 7/23/2024 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FL-39 @ 4' | FL-37 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FL-40 @ 4' | FL-38 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL-41 @ 4' | FL-39 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FL-42 @ 4' | FL-40 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FL-43 @ 4' | FL-41 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FL-44 @ 3' | FL-42 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 208 |
| FL-45 @ 4' | FL-43 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 144 |
| FL-46 @ 4' | FL-44 @ 3' | 7/23/2024 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 112 |
| FL-47 @ 4' | FL-45 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 224 |
| FL-47 @ 4' | FL-46 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL-49 @ 2' | FL-47 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL-50 @ 3' | FL-48 @ 4' | 7/23/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL-51 @ 2' | FL-49 @ 2' | 7/23/2024 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FL-51 @ 2' | FL-50 @ 3' | | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL-52 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 FL-53 @ 3' 7/23/2024 3 In-Situ <0.050 | FL-51 @ 2' | | 2 | | < 0.050 | < 0.300 | | | <20.0 | <10.0 | <30.0 | 160 |
| FL-53 @ 3' 7/23/2024 3 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 96.0 FL-54 @ 4' 7/23/2024 4 In-Situ <0.050 | FL-52 @ 4' | | 4 | | < 0.050 | | | | | | | 64.0 |
| FL-54 @ 4' 7/23/2024 4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 FL-55 @ 3' 7/23/2024 3 In-Situ <0.050 | FL-53 @ 3' | | 3 | | | | | | | | | |
| FL-55 @ 3' 7/23/2024 3 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 FL-56 @ 2' 7/23/2024 2 In-Situ <0.050 | FL-54 @ 4' | | | | | | | | | | | |
| FL-56 @ 2' 7/23/2024 2 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 FL-57 @ 4' 7/24/2024 4 In-Situ <0.050 | FL-55 @ 3' | i e | 3 | | | | | | | | | |
| FL-57 @ 4' 7/24/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL-58 @ 4' 7/24/2024 4 In-Situ <0.050 | FL-56 @ 2' | ! | | | | | | | | | | |
| FL-58 @ 4' | FL-57 @ 4' | ! | | | | | | | | | | |
| FL-59 @ 4' 7/24/2024 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 | FL-58 @ 4' | ! | 4 | | | | | | | | | |
| | FL-59 @ 4' | ! | | | | | | | | | | |
| | FL-60 @ 4' | 7/24/2024 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |

Dash (-): Sample not analyzed for that constituent.

| Table 1 Concentrations of BTEX, TPH & Chloride in Soil XTO Energy, Inc. PLU C2 Frac Pond NMOCD Ref. #: nAPP2401640490 | | | | | | | | | | | | | |
|---|--|----------|----------|---------|--------------|-------|-------|--------|-------|--------------------------------|--------|--|--|
| | OCD Closure C | | | 10 | 50 | N/A | N/A | 1,000 | N/A | 2,500 | 20,000 | | |
| NMOC | D Reclamation | Standard | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 | | |
| Sample ID | Sample ID Date Depth (Feet) Soil Status Sw 846 8021B Sw 846 8015M Ext. Soil Status Benzene (mg/kg) Royald Sw 846 8021B Sw 846 8015M Ext. Soil Status Benzene (mg/kg) Royald Sw 846 8021B Sw 846 8015M Ext. GRO DRO C ₁₀ -C ₂₈ GRO + DRO C ₂₆ -C ₂₆ C ₂₆ -C ₂₆ (mg/kg) (mg/kg) (mg/kg) | | | | | | | | | 4500 Cl Chloride (mg/kg) | | | |
| NW 1 | 7/18/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 80.0 | | |
| NW 2 | 7/24/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 | | |
| EW-1 | 7/23/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 | | |
| EW-2 | 7/23/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | | |
| EW-3 | 7/23/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | |
| SW-1 | 7/23/2024 | 0-2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 80.0 | | |
| SW-2 | 7/23/2024 | 0-2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | < 20.0 | <10.0 | <30.0 | 128 | | |
| WW 1 | 7/18/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | |
| WW 2 | 7/18/2024 | 0-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 | | |
| WW 3 | 7/24/2024 | 0-2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | | |
| | | | | | Backfill Sam | ple | | | | | | | |
| Backfill Sample | 7/24/2024 | N/A | Backfill | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 | | |

Appendix A Depth to Groundwater Information



Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Υ | Мар |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-----|
| | C 03716 POD1 | SE | NE | NE | 02 | 25S | 30E | 609069.4 | 3559211.3 | |

* UTM location was derived from PLSS - see Help

| | | O20 Driller Commons CARTERIS WELL DRILLING | | | |
|--------------------------|------------|--|------------------------|------------------|---------|
| Driller License: | 1229 | Driller Company: | CARTER'S WELL DRILLING | | |
| Driller Name: | RICHARD CA | RTER | | | |
| Drill Start Date: | 2014-02-05 | Drill Finish Date: | 2014-03-03 | Plug Date: | |
| Log File Date: | 2014-03-12 | PCW Rcv Date: | | Source: | Shallow |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: | 50 |
| Casing Size: | | Depth Well: | 600 | Depth Water: | 425 |

Water Bearing Stratifications:

| Тор | Bottom | Description |
|-----|--------|-------------------------------|
| 442 | 600 | Sandstone/Gravel/Conglomerate |

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9/12/24 1:08 PM MST Point of Diversion Summary

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PAGE 1 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER www.ose.state.nm.us

| Z | POD NUMB | ER (WELL N | UMBER) | 37/6 | | OSE FILE NU | MBER(S) 037 | 16 | | | | |
|---------------------------|---|--|-------------------------------------|-------------------------|--|---|--|----------------|---------------------|------------------------|--|--|
| ĊATIÒ | WELL OWN | TER NAME(S) | | LP | | PHONE (OPT | PHONE (OPTIONAL) | | | | | |
| VELL LC | WELL OWN | TER MAILING | ADDRESS EA | | EEN KOT | Le CAN | ls bad | STATE | n 8 | zur 18.ZZD | | |
| GENERAL AND WELL LOCATION | WELL | Į. | TITUDE | DEGREES 32 | MINUTES SECO | 10 N CS | Y REQUIRED: ONE TEN EQUIRED: WGS 84 | TH OF A SEC | COND | | | |
| ERA | (FROM G | LO | NGITUDE | 103 | 5035.59 | <u> </u> | QUIRED: WOS 84 | | | | | |
| | DESCRIPT | ION RELATT | NG WELL LOCATIO | N TO STREET ADDRES | S AND COMMON LANDA | , // | , 0 | 1 - | 11 | , | | |
| 1. | We | st of | Buch | Hackes | on Rd, | in Center | . of Su | <u> </u> | Talu | <u> </u> | | |
| | (2.5 ACR | LE) | (10 ACRE) | (40 ACRE) | (160 ACRE) | SECTION | TOWNSHIP | Пжок [| RANGE | ELST | | |
| ML | 1/ | | 1/4 | | | LOT NUMBER | BLOCK NUMBER | В зоити | UNITITIEA | U west CT | | |
| OPTIONAL. | SUBDIVISIO | ON NAME | | | | TO I NOMBER | BEOCK NOVIEDA | • • | • | | | |
| . OP | HYDROGR | APHIC SURV | ΈΥ | | | | MAP NUMBER | | TRACT NU | MBER | | |
| 2. | | | | | | | <u> </u> | | | | | |
| . | LICENSE N | UMBER | NAME OF LICE | SED DELLER | 0-1 | | NAME OF WELL DE | ILING COM | PANY | 100 ; | | |
| ٠, | W.D-1 | 229 | K | eland | Cailer | · · · · · · · · · · · · · · · · · · · | Carter | Well | DIC | Mure | | |
| | DRILLING | | DRILLING END | \perp | PLETED WELL (FT) | BORE HOLE DEPTH (FT) | DEPTH WATER FIR | 42 | TEKED (FI) | | | |
| Z | 2/5/ | 2014 | 3/3/20 | 14 Flo | <u> 1998 – </u> | 600 | STATIC WATER LE | VEL IN COM | PLETED WEL | L(FT) | | |
| _ | COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED) | | | | | | 425 | | | | | |
| ZMIAT | COMPLETE | D WELL IS: | ARTESIAN | DRY HOLE | SHALLOW (UNC | ONFINED) | 4 | <u>کک</u> | | | | |
| YFORMAT | COMPLETE DRILLING | | ARTESIAN | DRY HOLE | ADDITIVES - SPI | | 4 | 25 | | | | |
| C INFORMAT | | FLUID: | | | | | 4. | ۷٥ | | | | |
| RILLING INFORMAT | DRILLING DRILLING DEPT | FLUID: METHOD: H (FT) | AIR | MUD HAMMER | ADDITIVES - SPI | ECIFY: | INSIDE DIA. CASING (IN) | | G WALL IESS (IN) | SLOT SIZE (IN) | | |
| 3. DRILLING INFORMATION | DRILLING DRILLING | FLUID: METHOD: | AIR ROTARY BORE HOLI | MUD HAMMER | ADDITIVES - SPI | OTHER - SPECIFY: | | | | | | |
| | DRILLING DRILLING DEPT | FLUID: METHOD: 'H (FT) TO | AIR ROTARY BORE HOLI | MUD HAMMER | ADDITIVES - SPI | OTHER - SPECIFY: | | | | | | |
| | DRILLING DRILLING DEPT | FLUID: METHOD: H (FT) | AIR ROTARY BORE HOLI | MUD HAMMER | ADDITIVES - SPI | OTHER - SPECIFY: CONNECTION TYPE (CASING) | | | | | | |
| | DRILLING DRILLING DEPT FROM | FLUID: METHOD: H (FT) TO | BORE HOLI DIA. (IN) | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL | OTHER - SPECIFY: CONNECTION TYPE (CASING) | CASING (IN) | THICKN | | SIZE (IN) | | |
| | DRILLING DRILLING DEPT FROM DEPT | FLUID: METHOD: H (FT) TO 4 H (FT) | AIR ROTARY BORE HOLI | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL DRMATION DESCRIF | OTHER - SPECIFY: CONNECTION TYPE (CASING) | CASING (IN) WATER-BEARING S | THICKN | | | | |
| ΤA | DRILLING DRILLING DEPT FROM | FLUID: METHOD: H (FT) TO | BORE HOLI DIA. (IN) THICKNES: | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL DRMATION DESCRIF | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S | THICKN | | SIZE (IN) | | |
| ΤA | DRILLING DRILLING DEPT FROM DEPT | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNES: | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL DRMATION DESCRIP | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S | THICKN | | SIZE (IN) YIELD (GPM) | | |
| TA | DRILLING DRILLING DEPT FROM DEPT | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNES: | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL DRMATION DESCRIP | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S | THICKN | | SIZE (IN) YIELD (GPM) | | |
| ΤA | DRILLING DRILLING DEPT FROM DEPT | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNES: | HAMMER E C M/ | ADDITIVES - SPI CABLE TOOL CASING ATERIAL DRMATION DESCRIP | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S | THICKN | | SIZE (IN) YIELD (GPM) | | |
| ΤA | DRILLING DEPT FROM DEPT FROM FROM | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNESS (FT) | MUD HAMMER E M S FC | CABLE TOOL CASING ATERIAL DRMATION DESCRIF (INCLUDE WATER | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S | THICKN THICKN | IESS (IN) | SIZE (IN) YIELD (GPM) | | |
| WATER BEARING STRATA | DRILLING DEPT FROM DEPT FROM FROM | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNESS (FT) | HAMMER E C M/ | CABLE TOOL CASING ATERIAL DRMATION DESCRIF (INCLUDE WATER | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S OR FRACTURE ZON | THICKN THICKN | IESS (IN) | SIZE (IN) YIELD (GPM) | | |
| ΤA | DRILLING DEPT FROM DEPT FROM FROM | FLUID: METHOD: H (FT) TO H (FT) TO | BORE HOLI DIA. (IN) THICKNESS (FT) | MUD HAMMER E M S FC | CABLE TOOL CASING ATERIAL DRMATION DESCRIF (INCLUDE WATER | OTHER - SPECIFY: CONNECTION TYPE (CASING) TION OF PRINCIPAL V -BEARING CAVITIES (| CASING (IN) WATER-BEARING S OR FRACTURE ZON | THICKN THICKN | IESS (IN) | SIZE (IN) YIELD (GPM) | | |

LOCATION

| 10:56:50 a.m. | 12-16-2010 |
|---------------|------------|
|---------------|------------|

| | 3 /3 | |
|------|------|-------|
| Page | 20 o | T 18. |

| TYPE OF PUMP: SUBMERSIBLE SUBM | |
|--|------------------------|
| TYPE OF BLIMP. SUBMERSIBLE JET NO PUMP - WELL NOT EQUIPPED | T CMETHOD OF PLACEMENT |
| TVPE OF PUMP. | T CMETHOD OF PLACEMENT |
| TURBINE CYLINDER OTHER-SPECIFI. DEPTH (FT) BORE HOLE MATERIAL TYPE AND SIZE (CUBIC F ANNULAR SEAL AND 0 425 83/4 Cament 4 Walls 252 | T CMETHOD OF PLACEMENT |
| DEPTH (FT) BORE HOLE DIA. (IN) ANNULAR SEAL AND DEPTH (FT) BORE HOLE DIA. (IN) MATERIAL TYPE AND SIZE (CUBIC F (CUBIC F ANNULAR SEAL AND O 425 83/4 Camant 4 Walin 252 | TREMIE |
| 3 SEAL AND 0 425 83/4 Coment & Walles 252 | |
| M an item na cov | - TECMIS |
| GRAVEL PACK | |
| 425 600 8 34 Suiter SANG 136 | |
| DEPTH (FT) THICKNESS COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) | WATER BEARING? |
| FROM 10 | ☐ YES MINO |
| 0 2 2 White Calichie 2 4 7 Red Sond | YES NO |
| 7 | ☐ YES ■ NO |
| 4 / 4 | ☐ YES Z NO |
| 118 118 Con Clay | YES MNO |
| 1 120 168 48 Red Clay 168 263 95 Red Sand stone | ☐ YES Q NO |
| 5 2/3 2/6/2 3 Red Clay | ☐ YES 🕦 NO |
| 3 266 406 146 Red sond stone | ☐ YES K NO |
| 25 266 406 146 led sond stone 2 466 416 10 Rad Class Gray Clay 26 gray Clay Led Sond 5tone | YES NO |
| 9 41/2 442 26 gray Clay | YES NO |
| 8 442 600 Peel sand store | YES NO |
| <u> </u> | YES NO |
| | YES NO |
| THE CEOLOGIC LOG OF THE | |
| ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE | |
| METHOD: BAILER PUMP AIR LIFT OTHER - SPECIFY: | TART TIME FAN TIME |
| WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING STAND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. ADDITIONAL STATEMENTS OR EXPLANATIONS: | TART TIME, END TIME, |
| ADDITIONAL STATEMENTS OR EXPLANATIONS: | |
| | |
| | |
| 1 · 명하 1 년 | |
| 21 S21 | |
| F. | CODIC IS A TRUE AND |
| THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FORECT CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH | THE STATE ENGINEER AND |
| THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | |
| CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | |
| DATE | |
| regard (as) | |

| | | WELL RECORD & LOG (Version 6/9/08) |
|------------------------|------------|------------------------------------|
| FILE NUMBER (- 27) 10 | POD NUMBER | TRN NUMBER 539192 |
| | 2.21 | PAGE 2 OF 2 |
| LOCATION 255,30E,00 | - 0 0 - 1 | |

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Depth Water:

429

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Υ | Мар |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-----|
| | C 03891 POD1 | SE | SE | NE | 01 | 25S | 30E | 610608.0 | 3558890.5 | |

635

* UTM location was derived from PLSS - see Help

| Driller License: | 1723 | Driller Company: | SBQ2, LLC DBA STEWART BROTHERS DRILLING CO. | | |
|----------------------|------------|-------------------------|---|---------------------|---------|
| Driller Name: | RANDY STEW | /ART | | | |
| Drill Start Date: | 2015-11-10 | Drill Finish Date: | 2015-11-14 | Plug Date: | |
| Log File Date: | 2015-12-04 | PCW Rcv Date: | | Source: | Shallow |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: | 33 |

Water Bearing Stratifications:

6.13

Casing Size:

| Тор | Bottom | Description |
|-----|--------|-------------------------------|
| 420 | 450 | Sandstone/Gravel/Conglomerate |
| 450 | 460 | Sandstone/Gravel/Conglomerate |
| 460 | 490 | Sandstone/Gravel/Conglomerate |
| 490 | 500 | Sandstone/Gravel/Conglomerate |
| 500 | 530 | Sandstone/Gravel/Conglomerate |
| 530 | 635 | Sandstone/Gravel/Conglomerate |

Depth Well:

Casing Perforations:

| Тор | Bottom |
|-----|--------|
| 460 | 635 |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

Received by OCD: 9/13/2024 12:11:58 PM

9/12/24 1:10 PM MST Point of Diversion Summary

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Υ | Мар |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-----|
| 20E1C | C 04520 POD1 | SW | SW | SE | 35 | 24S | 30E | 608454.0 | 3559687.6 | |

* UTM location was derived from PLSS - see Help

| Driller License: | 1626 | Driller Company: | TAYLOR DRILLING | | |
|--------------------------|------------|----------------------|-----------------|------------------|---------|
| Driller Name: | ROY TAYLOR | | | | |
| Drill Start Date: | 2021-06-01 | Drill Finish Date: | 2021-06-09 | Plug Date: | |
| Log File Date: | 2021-07-06 | PCW Rcv Date: | | Source: | Shallow |
| | | | | | |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: | 8 |

Water Bearing Stratifications:

| Тор | Bottom | Description |
|-----|--------|-------------------------------|
| 450 | 470 | Limestone/Dolomite/Chalk |
| 470 | 600 | Sandstone/Gravel/Conglomerate |
| 600 | 630 | Sandstone/Gravel/Conglomerate |

Casing Perforations:

| Тор | Bottom |
|-----|--------|
| 590 | 630 |

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9/12/24 1:10 PM MST Point of Diversion Summary

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PAGE 1 OF 2

WELL TAG ID NO. 2051C



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| WELL OWNE Nathan Brad WELL OWNE 910 Louisia | dy : Doub | In E Dinalina LLC | | | | | C-04520 | * * | | | |
|---|--|---|--|-----------------------------|---------------------------------|----------------------------|--|--|---|---|---|
| WELL OWNE | <u> </u> | ta 17 Dimalina I (C | | | | | PHONE (OPTIC | ONAL) | | | |
| | R MAILING | ie E Pipeinie, LLC | | | | | | | | | |
| 910 Louisiana St Ste 4200 DEGREES MINUTES SECONDS | | | | | | | CITY Houston | | TX . | 77002 | ZIP |
| WELL | I | DE | GREES | MINUTES | SECOND | os | | | | | |
| LOCATIO | LAT | TTUDE | 32 | 10 | 6.4 | N | * ACCURACY | REQUIRED: ONE TENT | TH OF A S | ECOND | |
| (FROM GP | S) 1.0N | GITUDE | 103 | 50 | 59 | W | * DATUM REC | QUIRED: WGS 84 | | | |
| DESCRIPTIO | | | STREET ADDI | RESS AND COMMON | N LANDMAI | RKS – PLS | S (SECTION, TO | WNSHJIP, RANGE) WH | ERE AVA | ILABLE | |
| | | | | | | | | | | | |
| | | NAME OF LICENSED | DRILLER | Roy Taylor | | | | | | | |
| DRILLING ST | TARTED | DRILLING ENDED 6/9/21 | DEPTH OF CO | OMPLETED WELL (F | TT) | | | DEPTH WATER FIRS | | | |
| | | ☐ ARTESIAN | DRY HO | | OW (UNCON | FINED) | | STATIC WATER LEV | | | LL (FT) |
| | | | F | ADDET | VEC CRECI | EV. | | | | | |
| | | | | | | | n antarr | | | | |
| DRILLING M | ETHOD: | ROTARY | НАММЕ | R CABLE T | TOOL | OTHE | R – SPECIFY: | | | | |
| DRILLING FLUID: AIR DRILLING METHOD: ROTARY DEPTH (feet bgl) FROM TO DIAM (inches) 0 590' 8 3/4 | | BORE HOLE DIAM | GRADE CON | | | | | THICKNESS SI | | | |
| | | (inches) | | | | | YPE | (inches) | (i | nches) | (inches) |
| 0 | 590' | 8 3/4 | | PVC SDR-17 | | | | 4.50 | | 0.25 | NA |
| 590' | 630' | 8 3/4 | | PVC SDR-17 | | Qı | uik-loc | 4.50 | | 0.25 | .035 |
| | | | | | | | | | | | - |
| | | | | | | | | | <u> </u> | | |
| | | | | | | | | | ļ | | |
| | | | | | | | | - DEE OH HI | G-966 | Y | 7.7. |
| | | | | | | | | 000 011 000 | 6 202 | (1 HMB: 3) | |
| | | | | | | | | | | | |
| | | | 1 | | | | | | <u> </u> | <u></u> | <u></u> |
| ļ | | BORE HOLE DIAM. (inches) | | | | | | AMOUNT (cubic feet) | | METHO PLACEM | |
| | | | | | | | | 6.2 | | Pourd | ed |
| L | | 8 3/4 | | | | | | 154 | + | Pourd | ed |
| 520' | 630' | 8 3/4 | | | | | | 34 | | Trem | ie |
| | | | | | | , | | | | | |
| | l | | | | | | | # 9 | . 20 - | | |
| | | | | | | | | | 3. | | |
| | | | | | | | | | | | |
| OSE INTER | NAL USE | | | | | | | 0 WELL RECORD | & LOG | Version 04/3 | 0/19) |
| | DESCRIPTION SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SW,SISTED SW,SISTED SW,SIST | (FROM GPS) LON DESCRIPTION RELATIN SW,SW,SE Sec 35 | DESCRIPTION RELATING WELL LOCATION TO SW,SW,SE Sec 35 T 24 R 30E LICENSE NO. WD-1626 DRILLING STARTED 6/1/21 COMPLETED WELL IS: ARTESIAN DRILLING FLUID: AIR DRILLING METHOD: ROTARY DEPTH (feet bgl) BORE HOLE DIAM (inches) 0 590' 8 3/4 590' 630' 8 3/4 DEPTH (feet bgl) BORE HOLE DIAM (inches) DEPTH (feet bgl) BORE HOLE DIAM (inches) DEPTH (feet bgl) BORE HOLE DIAM (inches) | CFROM GPS LONGITUDE 103 | CROM GPS LONGITUDE 103 50 | CFROM GPS 103 50 59 | DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLS SW,SW,SE Sec 35 T 24 R 30E | DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TO SW,SW,SE Sec 35 T 24 R 30E | DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIJP, RANGE) WHE SW,SW,SE Sec 35 T 24 R 30E | DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS — PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVA SW,SW,SE Sec 35 T 24 R 30E LICENSE NO. | DORNOTIVE 103 50 59 W **DATUM REQUIRED WGS 84 |

LOCATION Driber Sunt 24.30.35.334

| | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
|------------------------------|-------------|--------------|--|---|--|-----------------|---------------------------|---------------------------------------|----------------------------|---|
| | DEPTH (i | feet bgl) TO | THICKNESS (feet) | INCLUDE WATE | D TYPE OF MATERIAL E R-BEARING CAVITIES O plemental sheets to fully do | R FRAC | TURE ZONES | BE. | ATER ARING? ES / NO) | YIELD FOR WATER- BEARING ZONES (gpm) |
| | . 0 | 8' | 8' | | Top Soil | | | Y | ✓ N | |
| | 8' | 20' | 12' | | Caliche | | | Y | | |
| | 20' | 220' | 200' | | Sand | | | Y | ✓ N | |
| | 220' | 270' | 50' | | Red Clay | ·· ·- · · · | | Y | | |
| | 270' | 420' | 150' | | Sand | | | Y | ✓ N | · |
| | 420' | 450' | 30' | | Red Clay | | | Y | ✓ N | |
| 4. HYDROGEOLOGIC LOG OF WELL | 450' | 470' | 20' | | Limestone | | | V Y | | |
|)F W | 470' | 600' | 130' | | Sand | | | V Y | N | |
| 290 | 600' | 640' | 40' | | Sand and gravel | | | VY | N | |
| CLC | 640' | 650' | 10' | | Red Clay | -: | | Y | ✓ N | |
| 150 | 0.0 | 030 | | | | | | Y | , | |
| EOL | | | | | , | | | Y | | |
| tog | | | | | · · · · · · · · · · · · · · · · · · · | | | Y | | |
| YDF | | | | | | | | Y | | |
| 4. H | | | | | | | | Y | | |
| | | | | | | | | Y | | |
| | | | | | | | | Y | N | |
| | | | | | | | | Y | | |
| | | | | | | | | Y | | <u> </u> |
| | | | | | | | | Y | | |
| | | <u> </u> | | | | | | Y | - | |
| | METHODI | SED TO ES | TIMATE VIELD | OF WATER-BEARING | S STRATA | | 1 | TOTAL EST | | .1 |
| | PUMI | | | | HER - SPECIFY: | | | WELL YIE | | 0.00 |
| NOI | WELL TES | T TEST | RESULTS - ATTA T TIME, END TIM | ACH A COPY OF DAT ME, AND A TABLE SH | 'A COLLECTED DURING' IOWING DISCHARGE AN | WELL 1 D DRA | ESTING, INCI WDOWN OVE | LUDING DIS | SCHARGE TNG PERI | METHOD, OD. |
| TEST; RIG SUPERVISI | MISCELLA | NEOUS INF | FORMATION: W | ell will make about 8 | to 10 gpm | | | | | |
| S. TEST | PRINT NAM | IE(S) OF D | RILL RIG SUPER | VISOR(S) THAT PRO | VIDED ONSITE SUPERVI | SION O | F WELL CONS | TRUCTION | OTHER T | HAN LICENSEE: |
| SIGNATURE | RECORD O | F THE ABO | VE DESCRIBED | WELL. I ALSO CERT | F MY KNOWLEDGE ANI IFY THAT THE WELL TAG OLDER WITHIN 30 DAYS | G, IF RE | QUIRED, HAS | BEEN INST | TALLED A | ND THAT THIS |
| 6. SIGN | Ro | y Tan | 6 | ***** | Roy Taylor | | | · · · · · · · · · · · · · · · · · · · | 5/28/21 | |
| | | / SIGNAT | URE OF DRILLE | R / PRINT SIGNEE | NAME | | | | DATE | |
| EOI | R OSE INTER | NAT TICE | ************************************** | | | | WR-20 WEI | I. RECORD | & LOG (V | ersion 04/30/2019) |
| | E NO. | WILL OOF | | | POD NO. | | TRN NO. | LILLOND | - 20011 | 0.0000000000000000000000000000000000000 |
| LO | CATION | | · · · | | | WELL | TAG ID NO. | | | PAGE 2 OF 2 |

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320856103502801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320856103502801 25S.30E.12.113211

Eddy County, New Mexico

Latitude 32°08'56", Longitude 103°50'28" NAD27

Land-surface elevation 3,371 feet above NAVD88

The depth of the well is 482 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

| Table of data | | | | | | | | | |
|--------------------|---|---|--------------|--------|--|---|---|---|---|
| Tab-separated data | | | | | | | | | |
| Graph of data | | | | | | | | | |
| Reselect period | | | | | | | | | |
| | | | | Water | | | | | |
| | ? | ? | Water level, | level, | | ? | ? | ? | ? |

| Date \$ | Time \$ | Water- level date-time accuracy | ? Parameter code | level, feet below land surface | level, feet above \$ specific vertical datum | Referenced vertical \$ datum | ? Status | ? Method of preasurement | ? Measuring \$\frac{1}{2}\$ agency | ? Source of measurement | Water- level approval status |
|------------|---------|--|------------------|--|---|------------------------------|-------------|--------------------------|---------------------------------------|-------------------------|---------------------------------------|
| | | | | | | | | | | | |
| 1959-03-25 | | D | 72019 | 391.30 | | | 1 | Z | | | А |
| 1983-01-31 | | D | 72019 | 390.30 | | | 1 | Z | | | А |
| 1987-10-20 | | D | 72019 | 390.41 | | | 1 | Z | | | А |
| 1992-11-06 | | D | 72019 | 390.41 | | | 1 | S | | | А |
| 1998-01-28 | | D | 72019 | 390.08 | | | 1 | S | | | А |

Explanation

| Section \$ | Code \$ | Description |
|--------------------------------|---------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | А | Approved for publication Processing and review completed. |

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-09-12 14:53:51 EDT

0.32 0.22 nadww01



Appendix B Field Data





Sample Log

| Date: | | | | |
|-------|--|--|--|--|
|-------|--|--|--|--|

| JEC H | 795 |
|--------------|--------------------------|
| LUIT | - |
| Environmenta | & Safety Solutions, Inc. |
| | |

Project:

PLU C2 Frac Pond

Project Number: 20698 Latitude: 32.14977 Longitude: -103.84655

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|-------------|----------|----------------|------|
| SP-1@ SUF | | 1,568 | 3/10 |
| SP-2 E SUF | | 15216 | |
| P.3 @ SUF | | 7752 | |
| P-4 @ SUFF | | 168 | |
| P-S & SUIF | - 4 | 952 | |
| SP-6 @ SUFF | | 252 | |
| SP-7 @ SUIF | | 168 | |
| P8 @ SUF | | 6624 | |
| P-9 & SUIF | | 192 | |
| P-1 61 | | 352 | |
| 5P2 @ 1' | | 392 | |
| P-361 | | 144 | |
| P-461 | | NO | |
| SP-501 | | 168 | |
| 5P-601' | | 124 | |
| 8P-701 | | 192 | |
| P-861 | | 144 | |
| P-9@1' | | 144 | |
| 1H@ SUF | | 192 | |
| 1H @1' | | ND | |
| H @ SUFF | | 1,276 | |
| H @1' | | 192 | |
| H @ SUFF | | 6624 | |
| SH @I | | 168 | |
| IH GEUF | | 1276 | |
| UH @1' | | 192 | |
| | | 1.10 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas





Date:



Sample Log

| roject: | PLU C2 Frac Pond | |
|---------|------------------|--|

Project Number: 20698 Latitude: 32.14977 Longitude: -103.84655

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|-------------|----------|--------------------------|-----|
| WW #1 | - | 1028 | |
| ww #1 | - | 752 | |
| WW#1 | ~ | 580 | |
| SwHi | - | 1568 | |
| EW #1 | - | 692 | |
| Fl tost el | 145 | 952 | |
| Fl test eli | - | 816 | |
| -1-102 | - | 692 | |
| 1-202' | - | 580 | |
| 7-367 | _ | 632 | |
| 2-462' | - | 8/6 | |
| 2-502 | - | 632 | |
| 2-6 @2' | +7 | V6 | |
| L-7 62 | | 824 | |
| 1-802 | 5 | 784 | |
| 4-9 C)' | | 1028 | |
| FLV-1 | ~ | 1,276 | |
| 71-10-621 | - | 692 | |
| 1-11621 | ~ | (028 | |
| 7-103' | 9 | 872 | |
| -L-3 @ 3' | ~ | 348 | |
| TL-4 @ 3' | | 872 | |
| 7-503' | | 804 | |
| 1464 | - | 872 | |
| 1.5 64' | | 572 | |
| 1 6 6 3 | | 572 | |
| 7-7 @ 31 | 7 | 747 | |
| 1-7 E 4 | 7 | 572 | |
| 7-3 63' | | 693 | |
| 17-9 6 3' | - | 2/6 | |
| 7-10 63 | + | 8/6 624 | |
| 7-11 @ 31 | | 694 | |
| Ww-1 | - | 384 520 624 572 | |
| VW-1 | | 520 | |
| FL-10 4' | | 624 | |
| F-3041 | | 572 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas





| Date: | | |
|-------|--|--|
| | | |

Project: PLU Ca Frac Pono

Project Number: <u>20698</u> Latitude: <u>32./4977</u> Longitude: <u>-/03.84655</u>

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--------------|----------|----------------|------|
| FL-6 64 | - | 592 | |
| FL 8 @ 4' | _ | 684 | |
| FL-9 = @ 4 | 1- | 572 | |
| FL-10 @4' | - | 572 | |
| A-11 @ 4' | - | 580 | |
| FC-12 @ 2' | ~ | 952 | |
| FL=13 @ 2'-= | | 884 - | |
| FL-14 0 2' | 1 | 816 | |
| FL - 15 @ 2' | - | 872 | |
| FL-16 @ 2' | | 762 | 4 |
| FL-17 @ 2' | | 692 - | |
| P-1802 | w/ | 1028 | - 30 |
| FL- 19 @ 2' | | ୩ସେ | |
| FL- 20 @ 2' | - | 872 | |
| FL-21@2' | - | 624 | |
| FZ-12@3' | - | 872 | |
| FL-13 @ 3' | | 692 | |
| FR=14 @ 3' | | 752 | |
| FL-15 @ 3' - | 1 | 684 | |
| FL-16 @ 3' | - | 684 | |
| FL-16 @ 4' | - | 530 | |
| FL-1763 | - | 747 | |
| A 17 B4 | - | 384 | |
| FL1863' | | 872 | |
| FL-18 64' | - | 572 | |
| F1-19631 | | 692 | 12 |
| FL-20@3' | ~ | 804 | |
| FL-21 @ 3' | | 816 | |
| FL-19 @4' | | 572 | |
| F1-20641 | - | 940 | |
| FL-21 64' | | 684 | |
| FL- 22 C 1 | - | (168 | |
| FL-23 (C. 1) | - | 684 | |
| 1-24 El | | 512 | |
| FL-25 @ 1' | - | 1088 | |
| fl 26 @ 1' | - | 872 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

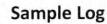
Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1





| Date: | | |
|-------|--|--|
| Dute. | | |

| Project: | PLU | 02 | frac | Peno |
|----------|-----|----|------|------|
|----------|-----|----|------|------|

Project Number: <u>20698</u> Latitude: <u>32.14977</u> Longitude: <u>403.84655</u>

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--|----------|------------------------------|--|
| FL-27 @1' | | 744 | |
| H-28 @1' | | 384 | |
| FL-22 62' = | ~ | 276 | |
| 7-23 02 | - | 572 | |
| 1-25 02 | - | 472 | |
| el - 26 @ 2' | _ | 348 | |
| EL- 27 60 2' | | 577 | |
| 71-29 @ 1 | _ | 744 | |
| Fl -30 @ 11 | 12 | 816 | |
| FZ-31 @1" | | 684 | |
| FL - 32 @ 1' - | | 1256 - | |
| FL-33 @1' | ;ibe | 812 | CAS. |
| FL -34 @T' | _ | 634 | |
| FL-35 @1' | - | 744 | |
| FL 29 62' | | 684 | |
| FL 30 € 21 | - | 624 | |
| F1-3162' | | 572 | |
| FL-32 0 2 | | 1088 | - |
| Fl. 33 @ 2' | - | 572 | |
| 11.34 62' | - | 428 | |
| FL-35 @ 2' | - | 384 | |
| FL-29 63' | ~ | 624 | |
| F1-30 63' | | 1612 | |
| FL 32 6 3' | | 384 | |
| FC 29 6 4' | | 256 | |
| 9-30 8 4' | | 1256 | |
| 7. JE @ 1 | | 956 | |
| 2-39 01 | | 612 | The state of the s |
| EL-38 @ 11 | - | 1012 | |
| 11-3901 | ~ | 1936 | |
| 71-37 62 | | 1,088 | |
| FL-38@2 | | 1256 | |
| FL- 2763' | | 1256 1256 1012 1256 | |
| FL- 38@3' | | 1256 | |
| FL-39 @2' FL-38 @2' FL-39@3' FL-39@3' FL-39@4' FL-38@4' | | | |
| FL-38@41 | | | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1







Sample Log

| Environmental & Safety Solutions, Inc. | | Date: | | | |
|--|-----------|------------|--|--|--|
| Project: | | 4 4 5 A | | | |
| Project Number: | Latitude: | Longitude: | | | |

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|------------|----------|----------------|-----|
| Fl-39 62' | - | 1012 | |
| 11-3963' | _ | 1.088 | |
| FL-3964 | - | 312 | |
| 4-4001 | / | 1088 | |
| 8-4082 | | 1652 | |
| 6-4003 | - | 872 | |
| 7 4084' | | 872 | |
| 241011 | - | 1088 | |
| 1-4/62 | _ | 272 | |
| 8-41 63 | _ | 872 | |
| 1-41041 | | 872 | |
| 1-4201 | | 684 | |
| 7. 4202' | | 348 | |
| 2-4361 | | 801 | |
| 7-4401 | ~ | 1968 | |
| 7.4561 | | (012 | |
| 7-4661 | ~ | 1768 | |
| 7.4761 | | 1344 | |
| 11.48 0.1 | | 1,344 | |
| 1 - 49 Q.V | 19 | 1,256 | |
| F1-49 @ 2' | - | 572 | |
| F1-43 02' | | 744 | |
| 2 43 @ 3' | D= | 1,256 | |
| 7.43 € 4 | | 100 | |
| 7-44@ a' | | 1256 | |
| 1-44€3' | - | 520 | |
| 7.456.2 | - | 872 | |
| 12.45 @ 3' | | 803 | |
| F1-45 @14 | | 1256 | |
| 7-4662 | - | 1012 | |
| 7-4662 | | 940 | |
| FL 4664 | | 812 | |
| 7-4762 | - | 1256 | |
| 7/47 @ 3' | | (256 | |
| FL-47 E 4' | - | 1256 | |
| | | | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1







Sample Log

| | | Date: | |
|-----------------|-----------|------------|--|
| Project: | | | |
| Project Number: | Latitude: | Longitude: | |
| | | | |

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|------------|----------|----------------|-----|
| FZ-4800' | | 1256 | |
| FL- 48 63' | | 1,256 | |
| FL- 48 6 4 | - | 1256 | |
| FZ-50 Q1 | - | 872 | |
| Pl-50 02' | - | 684 | |
| F1-50 @ 3 | ~ | 572 | |
| R-51 @1' | - | 872 | |
| Fl-51 62 | | 472 | |
| Fl. 52 @1" | - | 1256 | |
| F1-52 @2\ | | Q56 | |
| FL-52 63 | | (012 | |
| H-5204 | | 1,544 | |
| F1-53 @ 1' | 4 | 1,544 | |
| R-53 Q2' | - | 1012 | |
| FL-53 @31 | | 572 | |
| FZ-54 @ 1 | - | (U) 2 | |
| FL-5402' | THE S | 864 | |
| F1-54@31 | - | 212 | |
| FL-5404' | | 1,256 | |
| FL- 55 @1' | - | 1256 | |
| AL- 55 @ J | | ICA | |
| A - 5503' | (| 384 | |
| 11-5C el' | | 804 | |
| FL-56.02 | | 572 | |
| Fl-57 Q 4 | - | 872 | |
| Fl-58 @ 4 | | 684 | |
| H-59 @4 | - | 804 | |
| fl-60 @ 4' | _ | 1256 | |
| WW 3 | | 500 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Sample Point = SP #1 @ ## etc Floor = FL #1 etc

THE TEMPOLE

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

Appendix C Photographic Log



1

Photo Direction:

East-Northeast

Photo Description:



Photo Number:

Photo Direction:

East-Northeast

Photo Description:



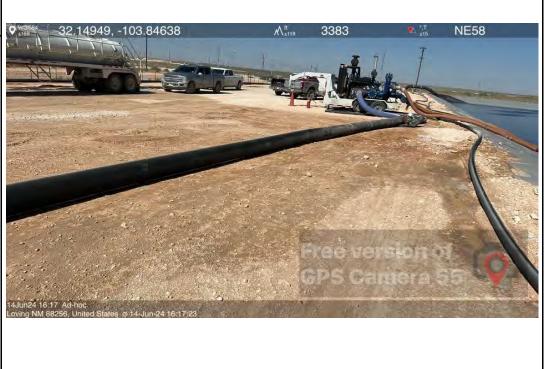


Photo Number:

3

Photo Direction:

West

Photo Description:



View of the excavated area.

Photo Number:

4

Photo Direction:

Northwest

Photo Description:

View of the excavated area.



Photo Number:

5

Photo Direction: Northeast

Photo Description:

View of the excavated area.



Photo Number:

6

Photo Direction:

East

Photo Description:

View of the excavated area.



Photo Number:

7

Photo Direction:Southeast

Photo Description:

View of the excavated area.



Photo Number:

8

Photo Direction: Southwest

Photo Description:

View of the excavated area.



Photo Number:

9

Photo Direction: West

Photo Description:

View of the excavated area.



Photo Number:

10

Photo Direction:

West

Photo Description:

View of the remediated area following backfilling and regrading.



Photo Number:

11

Photo Direction:

West

Photo Description:

View of the remediated area following backfilling and regrading.



Photo Number:

12

Photo Direction:

Northwest

Photo Description:

View of the remediated area following backfilling and regrading.



Appendix D Laboratory Analytical Reports



July 10, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PLU C2 FRAC POND

Enclosed are the results of analyses for samples received by the laboratory on 07/03/24 8:17.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 07/03/2024 Reported: 07/10/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO - 32.14977-103.84655

mg/kg

Sampling Date: 07/02/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SP 1 @ SURF (H243995-01)

BTEX 8021B

| DILX 0021B | ilig | r r g | Allalyze | a by. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1740 | 16.0 | 07/08/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 2 @ SURF (H243995-02)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 17600 | 16.0 | 07/08/2024 | 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | 10.1 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 29.2 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 3 @ SURF (H243995-03)

BTEX 8021B

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1 | % 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 | 6530 | 16.0 | 07/08/2024 | 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Project Number: 20698 Sample Received By: Shalyn Rodriguez

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 4 @ SURF (H243995-04)

| 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 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8 | % 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 | 07/08/2024 | 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 % | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 5 @ SURF (H243995-05)

BTEX 8021B

| Result | Reporting Limit | A b d | | | | | | |
|--------|--|---|--------------|--------|------------|---------------|--------|-----------|
| | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| 99.3 | % 71.5-13 | 4 | | | | | | |
| mg/ | 'kg | Analyze | d By: CT | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 1040 | 16.0 | 07/08/2024 | ND | 432 | 108 | 400 | 3.77 | |
| mg/ | /kg | Analyze | d By: ms | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| 115 % | % 48.2-13 | 4 | | | | | | |
| 122 9 | % 49.1-14 | 8 | | | | | | |
| | <0.050 <0.050 <0.050 <0.150 <0.300 99.3 mg/ Result 1040 mg/ Control of the c | <0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 99.3 % 71.5-13 mg/kg Result Reporting Limit 1040 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 6 @ SURF (H243995-06)

BTEX 8021B

| | <u> </u> | | | . , | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/08/2024 | 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 7 @ SURF (H243995-07)

BTEX 8021B

| | <u> </u> | | | • • | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/08/2024 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 8 @ SURF (H243995-08)

BTEX 8021B

| | <u> </u> | | | . , | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 5460 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | QM-07 |
| 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Project Number: 20698 Sample Received By: Shalyn Rodriguez

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 9 @ SURF (H243995-09)

| 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 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.0 | % 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 | 176 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: NH @ SURF (H243995-10)

BTEX 8021B

| DILX OUZID | ilig/ | ng . | Allulyzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 07/03/2024
 Sampling Date:
 07/02/2024

 Reported:
 07/10/2024
 Sampling Type:
 Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: EH @ SURF (H243995-11)

BTEX 8021B

| | 9, | 9 | 7 | 7: : | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.4 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1120 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

Sample ID: SH @ SURF (H243995-12)

BTEX 8021B

| | <u> </u> | | | • • | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.0 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6000 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| TPH 8015M | mg | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: XTO - 32.14977-103.84655

Sample ID: WH @ SURF (H243995-13)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1120 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| TPH 8015M | mg | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 200 | 99.8 | 200 | 3.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 193 | 96.5 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 18 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO - 32.14977-103.84655

ma/ka

Sample ID: SP 1 @ 1' (H243995-14)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

mg/kg

Sample ID: SP 2 @ 1' (H243995-15)

BTEX 8021B

| | 9, | 9 | 7 | 7: : | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO - 32.14977-103.84655

mg/kg

Sample ID: SP 3 @ 1' (H243995-16)

BTEX 8021B

| | 9, | 9 | 7 | 7: : | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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07/02/2024

Cool & Intact

Shalyn Rodriguez

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition:
Project Number: 20698 Sample Received By:

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 4 @ 1' (H243995-17)

| 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 | 07/09/2024 | ND | 1.96 | 98.1 | 2.00 | 2.36 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 1.96 | 97.8 | 2.00 | 2.20 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.09 | 104 | 2.00 | 1.55 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.15 | 102 | 6.00 | 1.78 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 121 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 20698 Sample Received By:

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 5 @ 1' (H243995-18)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | QM-07, QR-03 |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | QM-07, QR-03 |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | QM-07, QR-03 |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | QM-07, QR-03 |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 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 | 48.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 115 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 131 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 20698 Sample Received By:

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 6 @ 1' (H243995-19)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 20698

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 7 @ 1' (H243995-20)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 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 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 20698

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 8 @ 1' (H243995-21)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 20698

Project Location: XTO - 32.14977-103.84655

Sample ID: SP 9 @ 1' (H243995-22)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 20698

Project Location: XTO - 32.14977-103.84655

Sample ID: NH @ 1' (H243995-23)

| 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 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: XTO - 32.14977-103.84655

Sample ID: EH @ 1' (H243995-24)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 127 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO - 32.14977-103.84655

ma/ka

Sample ID: SH @ 1' (H243995-25)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| 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 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 124 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/03/2024 Sampling Date: 07/02/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: XTO - 32.14977-103.84655

Sample ID: WH @ 1' (H243995-26)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.01 | 101 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.16 | 108 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/09/2024 | ND | 2.24 | 112 | 2.00 | 3.58 | |
| Total Xylenes* | <0.150 | 0.150 | 07/09/2024 | ND | 6.87 | 115 | 6.00 | 2.66 | |
| Total BTEX | <0.300 | 0.300 | 07/09/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/09/2024 | ND | 480 | 120 | 400 | 14.3 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/08/2024 | ND | 207 | 104 | 200 | 3.09 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/08/2024 | ND | 197 | 98.7 | 200 | 4.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/08/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 131 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Page 29 of 31

RDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Nam | and the state of t | ution | s, Ir | nc. | | | | | | B | ILL TO | | ŝ. | | | | ΔΝ | ΔΙΝ | /212 | DE | QUE | ECT | | | |
|--|--|--------------------|--------------|---|-----------|-------------------------------|-------------------|------------------------------|--------------------------|-------------------------------|--------------------|--|---------------------------|-------------|---------------|-------------|----------------|---------------|------|---------------|---------------|----------|---|---|----------|
| Project Manag | | | | | | | F | 2.0. | #: | | | | 1 | T | Т | Т | | 1 | | NE | | -31 | | T | _ |
| | 17 W Marland | | | | | | c | om | pan | ly | X | го | 1 | | | | | | | | | | | | |
| City: Hobbs | State: NM | Zip | : 88 | 8240 | | | | ttn: | | _ | Amy R | | 1 | | | 1 | | | | | | | | | |
| Phone #: (57 | 75) 264-9884 Fax #: | | | | | | 1 | ddr | | | runy ic | uui | 1 | | 1 | | | | | | | | | | |
| Project #: 20 | 698 Project Owne | er: | X | ТО | | | 1 | ity: | - | | | | 1 | | | | | | | | | 1 | | | |
| Project Name: | PLU C2 Frac Pond | | | | | | | - | . , | A I I A | Zip: | | 1 | ŝ | B B | | | | | | | | | 1 | |
| Project Location | n: 32.14977, -103.84655 | | | | | | | hon | | | Zip: | | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | | |
| Sampler Name: | Aaron Rios | | | | | | - | non ax# | | | | | 1 2 | 80 | 8) X | | | 1 | | | | 1 | | 1 | |
| FOR LAB USE ONLY | | Т | Т | Г м | IATR | IX | Jr | | _ | ERV. | SAMPL | ING | ō | 표 | Ē | | | | | | | | | 1 | |
| Lab I.D. <i>H24 399</i> 5 | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER WASTEWATER | SOIL | SLUDGE | OTHER: | SE: | , | / | DATE | TIME | | | | | | | | | | | | | |
| | SP 1 @ Surf | G | 1 | | X | | | | X | | 7/2/24 | 1 | Х | Х | X | + | + | + | + | - | | - | _ | - | + |
| | SP 2 @ Surf | G | 1 | | X | | | | X | | 7/2/24 | | Х | X | X | + | + | + | + | - | | | _ | | + |
| | SP 3 @ Surf | G | 1 |) | K | | | | Х | | 7/2/24 | | X | X | X | + | + | + | + | \rightarrow | | | | - | - |
| | SP 4 @ Surf | G | 1 |) | (| | | | X | | 7/2/24 | | Х | X | X | + | + | + | + | + | | | | - | + |
| | SP 5 @ Surf | G | 1 | | (| | | | Х | | 7/2/24 | | Х | X | X | + | + | + | + | + | $\overline{}$ | | _ | - | - |
| | SP 6 @ Surf | G | 1 |) | (| | | | Х | | 7/2/24 | | х | Х | Х | | + | + | + | + | | | | - | - |
| | SP 7 @ Surf | G | 1 | X | (| | | | Х | | 7/2/24 | | х | Х | X | | + | + | + | + | - | \vdash | | | + |
| | SP 8 @ Surf | G | 1 | X | | | | | Х | | 7/2/24 | | х | Х | X | | + | + | + | + | \dashv | | | | + |
| | SP 9 @ Surf | G | 1 | X | | | | | Х | | 7/2/24 | | х | х | Х | | | + | + | \pm | \neg | | | | \vdash |
| ASE NOTE: Liability and | NH @ Surf | G | 1 | X | _ | | | | Х | | 7/2/24 | | X | Х | X | | | | + | + | \neg | | | | + |
| objess. All claims including vice. In no event shall Californiates or successors arising ellinquished By | Damages. Cardinal's liability and client's exclusive remedy for as those for negligence and any other cause whatsoever shall be a didnal be liable for incidental or consequental damages, including a out of or related to the performance of services hereunder by C. Date: Date: Date: | without rdinal, | imitat | ion, business in fless of whethe ed By: | in writer | ng and fors, li claim i | oss of is base | use, or use or ed upor | Cardi r loss n any | inal wit of prot of the | thin 30 days after | by the client for it completion of the lient, its subsidiarie isons or otherwise Phone Res Fax Result REMARKS: | applicable is, ult: | □ Yes | | No No | | Phor Fax # | | | | | | | |
| Delivered By: ampler - UPS - | Bus - Other: #1 | +0 |) | Sample Cool | Intac | Yes No | | 8 | Y | pitia | D BY: | Incident II Please en | o for X | (TO: i | nAPF and o | 240 copy | 16404 of Co | 90 C to (| pm@ | etec | henv | .com. | | | |

Revision 1.0

Received by OCD: 9/13/2024 12:11:58 PM

Page 30 of 31

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| ne: Etech Environmental & Safety So | iutioi | 15, 11 | IC. | | | 88 | | B | ILL TO | | 8 | | | | ΔN | ΔΙ V | 212 | DEO | HECT | _ | | _ |
|--|---|--|--|--|--|-------------------------------------|--|--|--|--|---|--|---------|---------|---|-------------------|---|----------------------------------|--|---|------------------------|--|
| | | | | | | P.O. | . #: | | | | | T | Т | T | | T | 7 | KEQ | UES | _ | 1 | $\overline{}$ |
| 617 W Marland | | | | | | Con | npar | nv | X | 0 | 1 | | | | | | | | | - 1 | | |
| State: NM | Zi | p: 88 | 3240 | | | | | , | | | 1 | | | | | | | | | | | |
| 75) 264-9884 Fax #: | | | | | | | | | rany iv | 001 | 1 | | | | | | | | | | | |
| 0698 Project Own | er: | X | ТО | | | | | | | | 1 | 1 | | | | | | | | - 1 | | |
| PLU C2 Frac Pond | | | | | | - | | | | | 1 | € | 1 6 | | | | | | | | | |
| on: 32.14977, -103.84655 | | | | | | | | | Zip: | | ig i | 151 | 021 | | | 1 | | | | -1 | | |
| e: Aaron Rios | | | | | - | | | : | | | ļ | 88 | 8 | | | 1 | | | | | | |
| | _ | _ | Ги | ATD | IV | _ | _ | EDV. | | | ٥ | 표 | E | | | | | | | | | |
| 1 | <u>a</u> | 1 | | AIR | | F | KES | EKV. | SAMPL | LING | 1 | - | œ. | 1 | 1 | | | | | | | |
| Sample I.D. | | # CONTAINERS | GROUNDWATER WASTEWATER | SOIL | SLUDGE | OTHER: | CE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | |
| EH @ Surf | G | - | | _ | | Ť | | - | | | v | - | v | + | + | + | + | + | + | + | + | + |
| SH @ Surf | G | 1 | | | | 1 | | | | | | | | + | + | + | + | + | + | + | + | + |
| WH @ Surf | G | 1 | | | | † | | | | | | | | + | - | + | + | + | + | - | + | + |
| SP 1 @ 1' | G | 1 | | | | 1 | 1 | | | | | | | + | + | + | + | + | + | + | + | + |
| SP 2 @ 1' | G | 1 |) | | | 1 | | | | | | | | + | | - | + | + | + | + | + | + |
| SP 3 @ 1' | G | 1 | X | | | | X | | | | | | | + | + | + | + | + | + | - | + | + |
| SP 4 @ 1' | G | 1 | X | | | | | | | | | | | + | + | + | + | + | + | + | + | + |
| | G | 1 | X | | | | X | | | | $\overline{}$ | | | | + | + | + | + | + | + | + | + |
| | G | 1 | X | | | | X | | | | | | | + | + | + | + | + | + | + | + | + |
| | G | 1 | X | 8 | | | Y | | 7/2/24 | | v | | | - | + | | + | + | + | + | - | + |
| ardinal he liable for incidental as eases we set I | accinion | NA COLA CO. | u uniess made | In white | ng and re | ceived b | by Can | dinal wit | hin 30 days after | r completion of the | he | | A | | | _ | | | _ | _ | | |
| 7:3:24 | 1 | CEIV | eu by. | | | | | | above stated re- | Phone Res Fax Result | | | | | | | #: | | | | | |
| Time: | | | Sample Cool | Con | ndition | | CHE | CKE | D BY: | | | | | | | | m@e | teche | nv.co | m. | | |
| | Sample I.D. Control of the service beautiful or consequential damages, including any out of or related for incidental or consequential damages, including any out of or related to the performance of services breautiful or consequential damages, including any out of or related to the performance of services breautiful or consequential damages, including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any out of or related to the performance of services breautiful or consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including any other causes whatsoever shall be consequential damages. Including the consequential damages. Including the consequential damages and the causes what any other causes what any other causes what | State: NM Zi State | State: NM Zip: 86 State: NM Zip: 86 Fax #: De98 Project Owner: X PLU C2 Frac Pond On: 32.14977, -103.84655 E: Aaron Rios Sample I.D. BH @ Surf SH @ Surf SH @ Surf G 1 SP 2 @ 1' SP 3 @ 1' SP 4 @ 1' SP 5 @ 1' SP 6 @ 1' SP 6 @ 1' SP 6 @ 1' SP 7 @ 1' Date: Receive Time: (Circle One) Circle One) | State: NM Zip: 88240 State: NM Zip: 88240 Fax #: Segment of the project Owner: XTO PLU C2 Frac Pond On: 32.14977, -103.84655 Segment of the project Owner: XTO Sample I.D. Sample I | Sample I.D. Sample Corcool Intal | State: NM Zip: 88240 Fax #: 10698 | State: NM Zip: 88240 Attraction of the control of t | State: NM Zip: 88240 Attn: Signature State: NM Zip: 88240 Attn: Address State: NM Zip: 88240 Attn: | Sample I.D. Sampl | Sample I.D. State: NM Zip: 88240 Attn: Amy R | Sample I.D. Sample I.D. | State: NM Zip: 88240 Attn: Amy Ruth Address: City: Address: City: State: NM Zip: 88240 Attn: Amy Ruth Address: City: City: State: NM Zip: 88240 State: NM Zip: 88240 Attn: Amy Ruth Address: City: Phone #: Phone Pho | P.O. #: | P.O. #: | Sample I.D. Sample I.D. | P.O. #: Company | Sample D. Sample D. Sample Date Date | P.O. #: STAW Marland Company | ## P.O. #: ## STAW Marland ## Company XTO ## Compan | Proceedings Process Process | ### Project Owner: XTO | P.O. #: STY W Mariand Company XTO Attn: Amy Ruth Address: Add |

FORM-006 Revision 1.0

Received by OCD: 9/13/2024 12:11:58 PM

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: Etech Environmen | ital & Safety Soli | utions | s, In | IC. | | | 8 | | BI | ILL TO | | | | | | ANA | ALYS | IS R | EQU | EST | | |
|--|-----------------------------|--------------------------|------------------|-------------|-------------------------|---------|----------|------------|-----------------------|------------------|---------------------|----------------------|-------------|--------------|-------|---------|---------|-------|-------|--------|--|---|
| Project Manager: Lance Crenshaw | | | | | | | P. | 0. 1 | #: | | | | | | | 1 | T | T | T | T | | 7 |
| Address: 2617 W Marland | | | | | | | C | omp | oany | X | го | | | | | | | | | | | |
| City: Hobbs | State: NM | Zip | : 88 | 3240 | | | At | ttn: | | Amy R | uth | 1 | | | | | | | | 1 | | |
| Phone #: (575) 264-9884 | Fax #: | | | | | | Ad | ddre | ess: | | | 1 | | | | | | | | | | |
| Project #: 20698 | Project Owne | er: | XT | ГО | | | Ci | ty: | | | | 1 | | | | | | | | | | |
| Project Name: PLU C2 Frac Pond | | | | | | | St | ate: | NM | Zip: | | | Σ | 18 | | | | | | 1 | | |
| Project Location: 32.14977, -103.846 | 655 | | | | | | | none | | | | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| Sampler Name: Aaron Rios | | | | | | | | x #: | | | | 1 % | 8 H | × | | | | | | | | j |
| FOR LAB USE ONLY | | L | | | MAT | RIX | | PR | ESERV. | SAMP | LING | 1 " | F | BTE | | | | | | | | |
| Lab I.D. Sample I. | .D. | - | # CONTAINERS | GROUNDWATER | SOIL | OIL | OTHER: | ACID/BASE: | ICE / COOL OTHER : | DATE | TIME | | | | | | | | | | | |
| 21 SP 8 @ 1' | | G | 1 | | Х | 1 | | | Х | 7/2/24 | | Х | Х | Х | | | | | | | | t |
| 33 SP 9 @ 1' | | G | 1 | | Х | | | | Х | 7/2/24 | | Х | Х | Х | | | | | | | | t |
| 23 NH @ 1' | | G | 1 | | Х | + | | | Х | 7/2/24 | | Х | Х | X | | | | | | | | 1 |
| 34 EH @ 1' | | G | 1 | - | Х | 4 | | | Х | 7/2/24 | | Х | Х | X | | | | | | | | t |
| 36 WH @ 1' | | G | 1 | + | X | + | | Н | Х | 7/2/24 | | Х | Х | X | | | | | | | | 1 |
| 70,111 | | G | 1 | | X | + | Н | Н | X | 7/2/24 | \vdash | Х | Х | Х | | | | | | | | ļ |
| | U. | | | | | | | | | | | | | | | | | | | | | ł |
| EASE NOTE: Liability and Damages. Cardinal's liability and clientlyses. All claims including those for negligence and any other ca | t's exclusive remedy for an | y claim a | arising | whether | based in | confrac | or lock | shall h | in Smitted to | the emount and | | | | | | | | | | | | t |
| hyees. All claims including those for negligence and any other ca rice. In no event shall Cardinal be liable for incidental or consequales or successors againg out of or related to the performance of | uental damages including | without is ardinal, n | imitati egard | on husin | ess intern nether su | nung an | a recenv | ed by | Cardinal with | hin 30 days afte | r completion of the | applicables, ult: | □ Yes | | | Add'l I | Phone : | #: | | | | - |
| Delivered By: (Circle One) | Date: | Rec | eive | ed By | iple Co | nditi | m ion | | HECKE | n pv. | Incident IC |) for) | | | | | | a Act | . oh | | | |
| ampler - UPS - Bus - Other: FORM-006 | le.92 # | 140 | | Cod | Ves E | act | 5 | 8 | (Initia | | | | Juito | unu U | shy o | 1000 | to pri | well | crien | v.com. | | |

Page 31 of 31

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July 24, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PLU C2 FRAC POND

Enclosed are the results of analyses for samples received by the laboratory on 07/18/24 15:17.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

07/24/2024 Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: FL 1 @ 4' (H244332-01)

Reported:

| 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 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

Reported: 07/24/2024
Project Name: PLU C2 FRAC POND

Project Name: PLU C2 FRAC
Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FL 2 @ 4' (H244332-02)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Applyzod By: 14

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

ma/ka

Sample ID: FL 3 @ 4' (H244332-03)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 | % 49.1-14 | 8 | | | | | | |
| - | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

Reported: 07/24/2024 Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: FL 4 @ 4' (H244332-04)

| 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 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 140 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Analyzed By: JH

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: FL 5 @ 4' (H244332-05)

BTEX 8021B

| DILX GOZID | 1119/ | rkg | Allulyzo | .u by. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 130 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Alyssa Parras

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 6 @ 4' (H244332-06)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.1 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/23/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/23/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/23/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 18 | | | | | | |
| | | | | | | | | | |

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Celeg & Freene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

Reported: 07/24/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: FL 7 @ 4' (H244332-07)

| 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 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 145 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: FL 8 @ 4' (H244332-08)

BTEX 8021B

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.84 | 91.9 | 2.00 | 7.32 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.83 | 91.7 | 2.00 | 5.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.87 | 93.4 | 2.00 | 4.38 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 5.52 | 92.0 | 6.00 | 4.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.4 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 143 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Alyssa Parras

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 9 @ 4' (H244332-09)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 14

Received: 07/18/2024 Reported: 07/24/2024

Reported: 07/24/2024 Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FL 10 @ 4' (H244332-10)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Alyssa Parras

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 11 @ 4' (H244332-11)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 232 | 116 | 200 | 6.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 210 | 105 | 200 | 11.9 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 128 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 12 @ 4' (H244332-12)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

Reported: 07/24/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: FL 13 @ 4' (H244332-13)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 14 @ 4' (H244332-14)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 15 @ 4' (H244332-15)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil Project Name: PLU C2 FRAC POND

Sampling Condition: Cool & Intact Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 16 @ 4' (H244332-16)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 % | 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 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 126 % | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 127 % | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Project Number: 20698 Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 17 @ 4' (H244332-17)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 127 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 128 9 | 6 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil Project Name: PLU C2 FRAC POND Sampling Condition: Coo

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 18 @ 4' (H244332-18)

| BTEX 8021B | mg, | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 132 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 133 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

07/24/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: FL 19 @ 4' (H244332-19)

Reported:

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 20 @ 4' (H244332-20)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 21 @ 4' (H244332-21)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 07/22/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celeg & Freene



Cool & Intact

Alyssa Parras

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition:
Project Number: 20698 Sample Received By:

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 22 @ 2' (H244332-22)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/22/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 23 @ 2' (H244332-23)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/22/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 18 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/18/2024

Reported: 07/24/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: FL 24 @ 2' (H244332-24)

Received:

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.8 | % 49.1-14 | 8 | | | | | | |

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Sampling Condition:

Sample Received By:

07/18/2024

Cool & Intact

Alyssa Parras

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Sampling Date:

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 25 @ 2' (H244332-25)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/18/2024

Reported: 07/24/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Sample ID: FL 26 @ 2' (H244332-26)

Received:

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/22/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024

Reported: 07/24/2024 Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: FL 27 @ 2' (H244332-27)

| Analyte Result Reporting Limit | Analyzed | Method Blank | BS | | | | |
|---|------------|--------------|------|------------|---------------|-------|-----------|
| | | | D3 | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* <0.050 0.050 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* <0.050 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* <0.050 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* <0.150 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX <0.300 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID 105 % 71.5-134 | | | | | | | |
| Chloride, SM4500Cl-B mg/kg | Analyze | d By: CT | | | | | |
| Analyte Result Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride 144 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* <10.0 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 <10.0 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane 96.7 % 48.2-134 | | | | | | | |
| Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148 | | | | | | | |

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Celey D. Keene



Alyssa Parras

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 28 @ 2' (H244332-28)

| 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 | 07/22/2024 | ND | 1.98 | 99.1 | 2.00 | 5.35 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.05 | 103 | 2.00 | 0.353 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.15 | 108 | 2.00 | 2.17 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 6.43 | 107 | 6.00 | 3.60 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Alyssa Parras

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By:

Project Location: XTO 32.14977,-103.84655

Sample ID: NW 1 (H244332-29)

| 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 | 07/22/2024 | ND | 2.23 | 112 | 2.00 | 0.781 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.43 | 122 | 2.00 | 1.20 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/22/2024 | ND | 2.38 | 119 | 2.00 | 1.75 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 7.27 | 121 | 6.00 | 1.41 | QM-07 |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 199 | 99.7 | 200 | 8.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 199 | 99.3 | 200 | 10.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/18/2024 Sampling Date: 07/18/2024

Reported: 07/24/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Alyssa Parras

Project Location: XTO 32.14977,-103.84655

Sample ID: WW 1 (H244332-30)

| 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 | 07/22/2024 | ND | 2.01 | 100 | 2.00 | 7.13 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.21 | 110 | 2.00 | 4.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.28 | 114 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 7.11 | 118 | 6.00 | 2.65 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 202 | 101 | 200 | 3.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 200 | 99.9 | 200 | 3.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 122 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 | % 49.1-14 | 8 | | | | | | |
| Sarrogate. 1 Chio. ooctuaceane | 130 | 70 77.1 17 | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/18/2024 Reported: 07/24/2024

PLU C2 FRAC POND

Project Name: Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: WW 2 (H244332-31)

| 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 | 07/22/2024 | ND | 2.01 | 100 | 2.00 | 7.13 | |
| Toluene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.21 | 110 | 2.00 | 4.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2024 | ND | 2.28 | 114 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2024 | ND | 7.11 | 118 | 6.00 | 2.65 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2024 | 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 | 80.0 | 16.0 | 07/22/2024 | 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 | 07/22/2024 | ND | 202 | 101 | 200 | 3.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2024 | ND | 200 | 99.9 | 200 | 3.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Notes and Definitions

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

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Nam | | afety Solution | s, I | nc. | | | | | 1 | BILL TO |) | ă | | | | ΔΝΔ | N VS | IS R | EQU | EST | | | |
|--------------------------------|--------------------------|---|-----------------|-------------|--|-----------|---------|----------|---------|--------------------|---------------------|---------------------------------------|-------------|---------|----|---------|--------|------|-------|-------|---|---|---|
| Project Manag | er: Lance Crenshaw | | | | | | P | 2.0. | | | | 1 | | | Т | 1 | T | T | LQU | | | | T |
| Address: 26 | 17 W Marland | | | | | | c | omp | anv | х | то | 1 | | | | | 1 | | | | 1 | | |
| City: Hobbs | State | : NM Zi | p: 8 | 8240 | | | | ttn: | | Amy F | | 1 | | | | | | | | | | | 1 |
| Phone #: (57 | 75) 264-9884 Fax # | t: | | | | | 1 | ddre | 988. | - July I | .001 | | | | | 1 | 1 | | 1 | 1 | | | |
| Project #: 20 | 698 Proje | ct Owner: | X | TO | | | - | ity: | | | | 1 | | | | | | | | | | | |
| Project Name: | PLU C2 Frac Pond | | | | | | | | AIR | 1 7in. | | 1 | 5 | B B | | | | | | | | | |
| Project Location | on: 32.14977, -103.84655 | | | | | | | | | / Zip: | | Chloride | FPH (8015M) | (8021B) | | | | | | | | | |
| Sampler Name | | | | | | | - | hone | | | | 1 5 | 8 | 8) | | | | | | | | | |
| FOR LAB USE ONLY | | | Т | _ | MAT | RIX | F | ax #: | ESER | V. SAMP | LINC | 10 | 표 | втех | | | | 1 | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | IZ | GROUNDWATER | L | OIL | OTHER: | SE: | ~ | | | | | 8 | | | | | | | | | |
| | FL 1 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | x | Х | х | | | | | _ | | | | |
| 7 | FL 2 @ 4' | С | 1 | | X | | | | X | 7/18/24 | _ | X | X | X | | | | | - | _ | | | |
| 3 | FL 3 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | _ | X | Х | X | | | | | + | | | | |
| ч | FL 4 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | Х | X | X | | | | | | | | | _ |
| 5 | FL 5 @ 4' | С | 1 | | X | | | | X | 7/18/24 | | Х | Х | X | | | | | | | | | |
| 4 | FL 6 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | Х | Х | X | | | | | | | | | _ |
| 7 | FL 7 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | Х | Х | X | | | | | | | | | |
| 8 | FL 8 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | Х | Х | х | | | | | | | | | |
| 200 | FL 9 @ 4' | С | 1 | | X | | | | Х | 7/18/24 | | Х | Х | X | | | | | | | | | |
| | FL 10 @ 4' | C | 1 | | X | | | | Х | 7/18/24 | | V | Х | х | | | | | | | | - | |
| ervice. In no event shall Co | nu Time: | eyer shall be deeme liges, including without ereunder by Cardinal | t limit rega | ed unless i | made in w ness intern hether suc | riting as | nd rece | elved by | Cardina | within 30 days aff | er completion of th | ne applicables, se. sult: t: | ☐ Yes | | No | Add'l I | Fax #: | #; | | | | | |
| Delivered By: Sampler - UPS | - Bus - Other: | | | Co | nple Colon Int | act Ve | s | C | (Ini | KED BY: | Please e | | | | | | | n@et | echen | v.com | | | |

FORM-006 Revision 1.0

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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name | e: Etech Environmental & Safety Solu | tions | s, In | C. | | | | | | BI | LL TO | | 9 | | | | AN/ | LYS | IS F | REQU | JEST | | | |
|--------------------------------|---|-----------------------------|------------------------------|---|-----------------------------|-------------------------|----------------------------|--------------------------------|--------------------------|----------|--|---------------------|-------------------------|-------------|---------|---|--------|----------|--------|--------|--------|--------|----------|----------|
| Project Manage | er: Lance Crenshaw | | | | | | F | 2.0. | #: | | | | | | | Т | 1 | T | Τ. | | 1 | T | T | Т |
| Address: 261 | 17 W Marland | | | | | | d | om | pan | у | XT | 0 | 1 | | | | | | | | | | | |
| City: Hobbs | State: NM | Zip | : 88 | 240 | | | | ttn: | | | Amy Ru | | 1 | | | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 Fax #: | | | | | | A | ddr | ress | : | , | | 1 | | | | | | | | | | | |
| Project #: 206 | 98 Project Owner | : | X | О | | | | ity: | | | | | 1 | | | | | | | | | | | |
| Project Name: | PLU C2 Frac Pond | | | | | | | _ | | ML | Zip: | | | Σ | 18) | | | | | | | | | |
| Project Locatio | n: 32.14977, -103.84655 | | | | | | | | ne #: | | Lip. | | iğ | 015 | (8021B) | | | | | | | | | |
| Sampler Name: | Aaron Rios | | | | | | | ax# | - 1 | | | | Chloride | TPH (8015M) | × | | | | | | | | | |
| FOR LAB USE ONLY | | Г | Т | | MAT | RIX | - | | RESI | ERV. | SAMPL | ING | 1° | 直 | BTEX | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER | SOIL | OIL | SLUDGE | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | |
| H | FL 11 @ 4' | С | 1 | | Х | | | T | X | | 7/18/24 | | Х | Х | Х | | | | | | | + | + | + |
| 12 | FL 12 @ 4' | С | 1 | | X | | | | Х | | 7/18/24 | | Х | Х | Х | | \top | \vdash | \top | + | + | + | \vdash | + |
| 17 | FL 13 @ 4' | С | 1 | | Х | | | | Х | | 7/18/24 | | Х | Х | Х | | \top | | | + | + | + | \vdash | + |
| . 1.1 | FL 14 @ 4' | С | 1 | | Х | | | Т | X | | 7/18/24 | | Х | Х | Х | | \top | | \top | + | + | + | \vdash | + |
| | FL 15 @ 4' | С | 1 | | Х | | | | X | | 7/18/24 | | Х | Х | Х | | | | | | \top | + | | \vdash |
| | FL 16 @ 4' | С | 1 | | Х | | | | X | | 7/18/24 | | Х | Х | Χ | | | | | | | \top | | \Box |
| | FL 17 @ 4' | С | 1 | | Х | | | | Х | | 7/18/24 | | Х | Х | Х | | | | | | | | | |
| 18 | FL 18 @ 4' | С | 1 | | Х | | | ┖ | X | | 7/18/24 | | Х | Х | Х | | | | | | | | | |
| | FL 19 @ 4' | С | 1 | | Х | | | | X | | 7/18/24 | | Х | Х | Х | | | | | | | | | |
| | FL 20 @ 4' d Damages. Cardinal's liability and client's exclusive remedy for an | С | 1 | | Х | | | | X | | 7/18/24 | | Х | Χ | Χ | | | | | | | | | |
| Relinquished By Delivered By: | g those for negligence and any other cause whatsoever shall be during be liable for incidental or consequental damages, including go out of or related to the performance of services hereunder by C: Date: Time: (Circle One) | eemed withou ordinal, | l waive t limita regar | d unless notion, busined unless of who ded By | pade in vess intersether su | writing ruption uch cla | and recons, loss aim is ba | eived to of use, ased up | by Card, or loss pon any | dinal wi | thin 30 days after offits incurred by companies above stated re- | r completion of the | e applicables, e. sult: | ☐ Yes☐ Yes | nAPF | | Add'I | 90 | | eteche | nv.coi | m. | | |
| Sampler - UPS | - Bus - Other: | | | 4 | Yes | Y | es No | | | 17 | | | | | | | | | | | | | | |

FORM-006 Revision 1.0

Received by OCD: 9/13/2024 12:11:58 PM

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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Nam | e: Etech Environmental | § Safety Solution | s, I | nc. | | | | | | В | ILL TO | | | | | | | ANA | LYS | SR | EQU | EST | | | |
|---|--------------------------|---|-----------------------------|---|-----------------------------------|------------------------------|--|---------------------------|------------|-----------------------|--|----------------|--|-------------|--------------------|---------|----------|-------|-----------------|-----|-------|--------|----|---|---|
| Project Manag | er: Lance Crenshaw | | | | | | | P.(| 0. #. | | | | | | | | | | | | | | T | I | |
| Address: 26 | 17 W Marland | | | | | | | Co | mpa | any | XT | 0 | \neg | | | | | | | | | 1 | 1 | | |
| City: Hobbs | S | tate: NM Zi | p: 8 | 88240 | 0 | | | Att | tn: | | Amy Ri | uth | | | | | | | | | | | | | |
| Phone #: (57 | 75) 264-9884 F | ax #: | | | | | | Ad | dres | ss: | | | | | 8 1 | | | | | | | | | | |
| Project #: 20 | 698 P | roject Owner: | X | OT | | | | Cit | ty: | | | | | | | | | | | | | | | | |
| Project Name: | PLU C2 Frac Pond | | | | | | | | | NM | Zip: | | | | Ñ. | (8021B) | | | | | | | | | 1 |
| Project Location | on: 32.14977, -103.84655 | | | | | | | | one | | | | | brid | 301 | 802 | | | | 1 | 1 | | | | |
| Sampler Name | : Aaron Rios | | | | | | | _ | x #: | | | | 1 | Chloride | IPH (8015M) | X | | | | 1 | | | 1 | | |
| FOR LAB USE ONLY | | | T | T | M | ATR | IX | | _ | ESER' | V. SAMPI | LING | ┪ | ~ | 4 | втех | | | | | | | | | |
| Lab I.D. | Sample I.D | GRAB OR COOMP | | GROUNDWATER | WASTEWATER | SOIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL (| DATE | TIMI | E | | | | | | | | | | | | |
| 71 | FL 21 @ 4' | 0 | - | 1 | 1 | X | Т | | | х | 7/18/24 | | Т | Х | Х | Х | | | | | | | | | |
| 71 73 74 | FL 22 @ 2' | 0 | | 1 | 1 | X | | | | X | 7/18/24 | | | Х | X | Х | | | | | | | | | |
| 73 | FL 23 @ 2' | | 1 | 1 | 1 | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| | FL 24 @ 2' | C | | 1 | | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| 75 | FL 25 @ 2' | 0 | | 1 | 1 | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| 26 | FL 26 @ 2' | C | 1 | 1 | | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| To | FL 27 @ 2' | C | 1 | 1 |) | X | | | | Х | 7/18/24 | | | Х | X | Х | | | | | | | | | |
| 28 | FL 28 @ 2' | C | 1 | 1 |) | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| 29 | NW 1 | 0 | 1 | 1 |) | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| 30 | WWZ 1 APT | | _ | 1 | | X | | | | Х | 7/18/24 | | | Х | Х | Х | | | | | | | | | |
| analyses. All claims includ service. In no event shall 0 | to Min | whatsoever shall be deem tal damages, including with nvices hereunder by Cardin late: | ed wa out lim al, reg | aived uni nitation, i gardless eived | less mad- business of wheth | e in wi interru er suc | iting and options, is the claim is | recei oss of s base | ived by | Cardina or loss of | within 30 days af profits incurred by | ter completion | of the a ordinaries envise. Resu sult: RKS: | applicable. | □ Yes | s 🗆 | No No | Add'l | Phone Fax #: | #. | | | | | |
| | : (Circle One) | lic | | | Sample Cool | Int | | | (| (In | KED BY: | Please | | | | | | | | m@e | teche | nv.cor | n. | | |

FORM-006 Revision 1.0

Received by OCD: 9/13/2024 12:11:58 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 37 of 37

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: Etech E | nvironmental & Safety Solu | tions | s, Inc | 3. | | | - 1 | | | BI | LL TO | | | | | | ANA | LYS | IS R | EQUE | ST | | |
|--|--|------------------|----------------------|----------------------|---------------------|----------------------|------------------------|--------------------|------------|-----------------|--------------------|-----------------------------------|---------------------|-------------|---------|----------|-----|-----------------|------|--------|--------|----|--|
| Project Manager: Lance C | Crenshaw | | | | | | | P.O. | #: | | | | | | | | | | | | | | |
| Address: 2617 W Marland | | | | | | | | Com | pany | , | XTO |) | 1 | | | | | | | | | | |
| City: Hobbs | State: NM | Zip | : 88 | 240 | | | | Attn: | | | Amy Ru | th | 1 | | | | | | | | | | |
| Phone #: (575) 264-9884 | Fax #: | | | | | | | Addr | ess: | | | | 1 | | | | | | | | | | |
| Project #: 20698 | Project Owne | r: | XT | 0 | | | | City: | | | | | 1 | | | | | | | | | | |
| Project Name: PLU C2 Fra | c Pond | | | | | | - 1 | | | M | Zip: | | | S S | 9 | | | | | | | | |
| Project Location: 32.1497 | 7, -103.84655 | | | | | | | | ne #: | | | | Chloride | TPH (8015M) | (8021B) | | 1 | 1 | | | | | |
| Sampler Name: Aaron Rios | | | | | | | _ | ax # | | | | | Ĭ | E E | × | | | 1 | | | | | |
| FOR LAB USE ONLY | | Т | Т | | MA | TRI) | _ | _ | RESE | RV. | SAMPL | ING | 1 | ₽ | ВТЕХ | | | | 1 | | | | |
| Lab I.D. Sa | ample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER | WASTEWATER | OIL | SLUDGE | OTHER: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | |
| 31 WW 2 | | С | 1 | | X | | | T | X | | 7/18/24 | | Х | Х | Х | | | | | | | | |
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| | ce and any other cause whatsoever shall be icidental or consequental damages, including | deeme withou | d waive ut limita | d unless don, bus | s made i | n writin terrupti | ng and re ions, los | ceived s of use | by Car | dinal wi | thin 30 days after | r completion of the | e applicati ies, | ble | | | | | | | | | |
| Relinquished By: | Date: | Re | Ceiv | red B | y: | O- |) | xased u | pon an | y of the | above stated re | Phone Re- Fax Resul REMARKS | sult: t: | □ Ye | | No No | | Phone Fax #: | | | | | |
| Delivered By: (Circle Or Sampler - UPS - Bus - Ot | -U.1 G | | | C | ample ool Ves | Inta | ct | 1 | | ECKI (Initia | | Incident I Please e | | | | - | | - | m@e | techer | nv.com | 1. | |

FORM-006 Revision 1.0

Received by OCD: 9/13/2024 12:11:58 PM

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July 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PLU C2 FRAC POND

Enclosed are the results of analyses for samples received by the laboratory on 07/24/24 10:07.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: FL - 29 @ 4' (H244389-01)

BTEX 8021B

| DILX 6021D | ilig | r kg | Allalyze | u by. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.9 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 30 @ 4' (H244389-02)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.2 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 31 @ 2' (H244389-03)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 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 | 144 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.8 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keine



07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Project Number: 20698 Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 32 @ 3' (H244389-04)

| 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 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024

Reported: 07/26/2024

Project Name: PLU C2 FRAC POND Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: FL - 33 @ 2' (H244389-05)

Received:

| 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 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1 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 | 256 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.0 9 | % 48.2-13 | 4 | | | | | | |

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 34 @ 2' (H244389-06)

RTFY 8021R

| B1EX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 35 @ 2' (H244389-07)

| BTEX 8021B | mg, | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 36 @ 1' (H244389-08)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 37 @ 4' (H244389-09)

RTFY 8021R

| B1EX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 38 @ 4' (H244389-10)

RTFY 8021R

| BIEX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 39 @ 4' (H244389-11)

RTFY 8021R

| BIEX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 14

07/24/2024 Reported: 07/26/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: FL - 40 @ 4' (H244389-12)

Received:

RTFY 8021R

| BIEX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil Project Name: PLU C2 FRAC POND

Sampling Condition: Cool & Intact Sample Received By: Project Number: 20698 Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 41 @ 4' (H244389-13)

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.8 | % 49.1-14 | 0 | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 42 @ 4' (H244389-14)

RTFY 8021R

| B1EX 8021B | тд/кд | | Anaiyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024

Reported: 07/26/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Received:

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: FL - 43 @ 4' (H244389-15)

| 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 | 07/24/2024 | ND | 2.06 | 103 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.01 | 100 | 2.00 | 5.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.02 | 101 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 5.95 | 99.2 | 6.00 | 6.08 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 44 @ 3' (H244389-16)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 07/24/2024
 Sampling Date:
 07/23/2024

 Reported:
 07/26/2024
 Sampling Type:
 Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 45 @ 4' (H244389-17)

| BTEX 8021B | mg, | /kg | Analyze | Analyzed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |

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07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Project Number: 20698 Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 46 @ 4' (H244389-18)

| 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 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 49.1-14 | 18 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 47 @ 4' (H244389-19)

| 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 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 48 @ 4' (H244389-20)

| 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 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/25/2024 | ND | 202 | 101 | 200 | 2.33 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 190 | 95.2 | 200 | 0.633 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024

Reported: 07/26/2024

Project Name: PLU C2 FRAC POND Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: FL - 49 @ 2' (H244389-21)

Received:

| 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 | 07/24/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Tux

07/24/2024

Reported: 07/26/2024

Project Name: PLU C2 FRAC POND Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: FL - 50 @ 3' (H244389-22)

Received:

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 51 @ 2' (H244389-23)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.4 | % 49.1-14 | 18 | | | | | | |
| | | | | | | | | | |

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07/23/2024

Cool & Intact

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition:
Project Number: 20698 Sample Received By:

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 52 @ 4' (H244389-24)

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| 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 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

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07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 53 @ 3' (H244389-25)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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07/23/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 54 @ 4' (H244389-26)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 07/25/2024 | ND | 464 | 116 | 400 | 3.51 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.4 | % 49.1-14 | 18 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Project Number: 20698 Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL - 55 @ 3' (H244389-27)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 115 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

07/24/2024 07/26/2024

109 %

49.1-148

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: FL - 56 @ 2' (H244389-28)

Received:

Reported:

BTEX 8021B

| DILX 0021D | ilig/ | K9 | Allalyze | u by. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | % 48.2-13 | 4 | | | | | | |
| | | | | | | | | | |

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024

07/26/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: SW - 1 (H244389-29)

Received:

Reported:

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keine



07/23/2024

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/24/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By:

Project Location: XTO 32.14977,-103.84655

Sample ID: SW - 2 (H244389-30)

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024 Reported: 07/26/2024

Project Name: PLU C2 FRAC POND Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

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

Sample ID: EW - 1 (H244389-31)

Received:

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

07/24/2024

Reported: 07/26/2024

Project Name: PLU C2 FRAC POND

Project Number: 20698

Project Location: XTO 32.14977,-103.84655 Sampling Date: 07/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: EW - 2 (H244389-32)

Received:

| 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 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 209 | 104 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 195 | 97.4 | 200 | 15.7 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/24/2024 Sampling Date: 07/23/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: EW - 3 (H244389-33)

BTEX 8021B

| DILX GOZID | ıııg, | ng . | Andryzo | .u Dy. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.43 | 122 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.36 | 118 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 7.19 | 120 | 6.00 | 10.5 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 212 | 106 | 200 | 1.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 198 | 98.8 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 127 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 36 of 39

Released to Imaging: 9/20/2024 2:32:42 PM

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 1676) 202 2226 EAY (E7E) 202 2476

| Company Name: Etech Environmental & Safety Solutions, Inc. | A BILL TO | ANALYSIS REQUEST |
|--|---|--|
| Project Manager: Lance Crenshaw | P.O. #: | The same of the sa |
| Address: 26) / West Mariand | Company XTO | |
| City: Hobbs State: NM Zip: 88240 | Attn: Amy Ruth | |
| Phone # (575) 264-9884 Fax #: | Address: | |
| Project # 20698 Project Owner: | City: | |
| Project Name: PLu ca | | (P) (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q |
| Project Location: | State: Zip: | (8015M) (8021E |
| | Phone #: | Chloride CH (8015N EX (8021) |
| Sampler Name: Aorun Lios | Fax #: RIX PRESERV! SAMPLING | |
| 17-17-00-00-00-00-00-00-00-00-00-00-00-00-00 | THE SERVE SAME CING | 1 - 0 |
| S S R R | | |
| Lab LD. Sample LD. Sample LD. | # 5 I' | |
| A PABE | THER: COL/BASE COL/BASE THER: THER: | |
| H244369 | DATE TIME | 18 - - - - - - - - - |
| 1 FL-29 @4' CII X | X 7/23/24 | XXX |
| 2 FL-30@4' CIX | x 5 | XXX |
| 3 FL-31@2' CI X | X / | XXX |
| 4 FL-32@31 C1 X | X | XXX |
| 5 FL-33@2' CIXX | A X | XXX |
| 6 FL- 34 (02) CII C | | XXX |
| 7 FL-35 02' CII S | X / | XXX |
| 8 FZ-34@1' CI X | X | XXX |
| 9 FL-37@4' CIX | X) | XXX |
| UFL-38@41 CIX | X | XXX |
| PLEASE (ECTE: 1 listing and Desnayor, Cardina's testing and Charle's exchange reversity to any other anning whether based to anythin the Charles within any those the languagest a site way when control administrative testing to deciment entered within sweet as | n constitution for fact, shall be limited to the automat paid by the client for writing and received by Cardinal water 20 days after a projection of a | Die in signification |
| Divinios in and present stems Catallined for maker Fig. phi interned for interpreparation transaggious acceptance at the amount of the perfect for the perfect | majama, acts of one, or was all priests an uned by client, in sometime, out children based upon any of the above stated regions or otherwise. | in the second se |
| Refliquished By Date: 7-24-24 Received By: | Phone Re Fax Resul | t: 🗆 Yes 🗀 No Add'i Fax # |
| TWO JUNE MUICE | TO SIGNAL REMARKS | |
| Relinquistled By: Date: Received By: | 48 | hr rush |
| Time | | - |
| Delivered By: (Circle One) #140 Sample | Condition CHECKED BY: Please e | mail copy of COC and results to prin@etechenv.com. |
| 7140 Cool | nacy (initials) | · h |
| Sampler - UPS - Bus - Other: 6.2 c | No No | 74 |

FORM-006 Revision 1.U

Page 37 of

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name Etech Environmental & Safety Sulutions, Inc. BILL TO ANALYSIS REQUEST Project Warrayer Lance Crenshaw P.O. #: Address: 261/ West Warland Company X10 City: riouss Atter Amy Ruth Phone # (575) 264-9884 Fax # Address 200 98 Project Owner. City: Project Name: PLU C2 State: Zip: Phone #: Sampler Name Aaron Rios Fax# MATRIX SAMPLING Sample I.D. LabiD H2U4 380 DATE TIME XX 7/23/24 X × XX 14 FL- 42@4' x 15FL-43041 X X X X 19 FL-47 04' Please email copy of COC and results to prin@etechenv.com. Delivered By (Circle One)

FORM-006

Sampler - UPS Bos - Other:

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Page 38 of 39

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name - Etech Environmental & Safety Solutions Inc. | A BILL TO | ANALYSIS REQUEST |
|--|--|--|
| Project Managers Lance Crenshow | P.O. #: | ANALISIS REQUEST |
| Address: 2617 West Madand | Company XTO | 1 |
| City: Hopps State: NM Zip: 88240 | Atto: Amy Roll | |
| Phone # (575) 264-9884 Fax #: | Address: | |
| Project # 20698 Project Owner: | City: | |
| Project Name PLUC2 | State: Zip: | (B) (B) |
| Project Location | Phone #: | (8015M) (8021E) |
| Sampler Name Aoron Rios | Fax #: | Chloride PH (8015N |
| MATRI | | BIEX |
| M M | ev . | |
| CO)O | | |
| Lab I.D. Sample I.D. | IBASE COOL | |
| RAE STE | 브 구 10 ~ 구 1 | 1 1 |
| Hruu389 | 0, 0 4 2 0 | , |
| 21 FL-49 @ 2' Cl X | X 7/23/24 | XXX |
| 22 FZ-50 @ 3' CI X | x | XXX |
| 23 FL-51 @ 2' C 1 X 24 FL-52 @ 4' C 1 X | | XXX |
| 74 FL-52 @ 41 C1 X | X | XXX |
| | A X | XXX |
| 21 FL-55@3' CIX | x | |
| 78 (1 61 62) | | XXX |
| 29 SW-1 CIX | X Z | XXX |
| 30 SW-2 Cli & | x 1 | XXX |
| PLEASE HOTE: 1.6 May 2 of October 2. Control to movely and allows a sociative recordy by only closed analysis interfere based to co to with a new Communication of the configuration and the property of the communication for the oversion representation of the second of | where or fore, shall be limited to the amount paid by the client for my limit revenued by Cardinal within 30 days after completion of t | |
| lev it e - a na a vank timb - a bind bet betet ba senkindd ar vertengenned danniges, a blading allihad bindeline, venices allevant Filmres A conserve of fing but at at sented to bre positioners at besines discounted by Captaint, registered to intelline such | liana. Note all are, at time all profits introduct by Client, its schedul Chillin is Essed upon pay at the affects stated reasons or although | |
| Reliablished By: Date: 3434 Received By: | Phone Re Fax Resu | |
| The 400 1 1111/1/19 | 1 WAR REMARK | |
| Relanguas Ved By Date: Neceived By | Curring | λ- |
| Tone: | 4 | |
| Delivered By: (Circle One) #140 Sample Con | Please e | mail copy of COC and results to pm@etecnenv.com. |
| Cool lots | Yes (Initials) | L. |
| Sampler OPS - Bus - Other 16.2¢ Tyes M | V - | 134 |

FORM-006

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Page 39 of 39

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: Etech Environmental & Safety Solutions Inc. | A BILL TO | ANALYSIS REQUEST |
|--|--|---|
| Project Manager Lance Crenshaw | P.O. #: | |
| Address: 2617 West-Mailand | Company XTO | |
| City Hobbs State NM Zip: 88240 | Attn: Amy Ruch | |
| Phone # (575) 264-9884 Fax #: | Address: | |
| Project # 20198 Project Owner. | City: | |
| Project Name PLUCA | State: Zip: | 24B) |
| Project Location. | Phone #: | Chloride PH (8015M) TEX (8021B) |
| Sampler Name: Agran Rios | Fax#: | T X |
| TURNUS LOG UTWY MAT | RIX PRESERV. SAMPLING | |
| R PME | NA. | |
| F AT E RS | | |
| Lab I.D. Sample I.D. | COOL COOL | |
| PA SOU | 5 1 2 1 | H ₄ |
| 1214321 EM-1 CI X 31 EM-2 CI X 32 EM-3 CI X | 0 1, 0 1 3 = 0 | XXX |
| 31 EW-1 CI X 32 EW-2 CI X 33 EW-3 CI X | × 7/23/24 × 7/23/24 × 7/28/24 | XXX |
| 33 Eu - 3 | × 7/23/24 × 7/23/24 | XXX |
| 2003 | 115129 | |
| | 6 | A 8 |
| | 19 | 9 1 |
| | | |
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| | | |
| | | |
| PLEASE NOTE: Clustery and Decisions, Condenses belong and closely stanceive reviews for any communication of the property of the control of t | confined on fort, shall be limited to the amount poid by the client if witing and received by Cardistal united 20 days after completion of options, Apis of one, or limit of profifs instanted by client, he satisfied | Die approaling |
| | ch claim is based upon any of the above stated reasons or other | 66 |
| Reliationshed By: | / / Fax Resi | ilt: ☐ Yes ☐ No. Add'(Fax III: |
| Jan 7 - 11111 | Ma Malanda REMARK | 5: |
| Relinquished By: Dak. | The second second | |
| fine | Please | email copy of COC and results to prin@etecnenv.com. |
| Delivered By: (Circle One) #140 Sample | Condition CHECKED BY: | |
| Sampler UPS Bus - Other - 6.2c Tes | Yes TO | h à |
| -C.dc INO | No V - | 1/1 |

FORM-006 Revision Lu

Received by OCD: 9/13/2024 12:11:58 PM

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July 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PLU C2 FRAC POND

Enclosed are the results of analyses for samples received by the laboratory on 07/25/24 9:42.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Tax

Received: 07/25/2024 Sampling Date: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 57 @ 4' (H244419-01)

DTEV 0021D

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | QR-03 |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



07/24/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/25/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: 20698 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: FL 58 @ 4' (H244419-02)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 07/25/2024

07/26/2024

Sampling Date:

07/24/2024

Project Name:

Reported:

BTEX 8021B

PLU C2 FRAC POND

mg/kg

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

20698

Sample Received By:

Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

Sample ID: FL 59 @ 4' (H244419-03)

| | 9/ | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | < 0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 71.5-13 | 14 | | | | | | |
| Chloride, SM4500Cl-B | mg, | 'kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 14 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 18 | | | | | | |

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 07/25/2024 Sampling Date: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil
Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact

Project Number: 20698 Sample Received By: Tamara Oldaker

Project Location: XTO 32.14977,-103.84655

mg/kg

Sample ID: FL 60 @ 4' (H244419-04)

BTEX 8021B

| | 9, | 9 | 7 | 7: : | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/25/2024 Sampling Date: 07/24/2024

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO 32.14977,-103.84655

Sample ID: BACKFILL SAMPLE (H244419-05)

RTFY 8021R

| B1EX 8021B | mg, | кg | Апануге | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.3 | % 49.1-14 | 8 | | | | | | |

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Celey & Keene



Sampling Condition:

Sample Received By:

07/24/2024

Cool & Intact

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/25/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND
Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: NW 2 (H244419-06)

| 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 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.0 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keine



07/24/2024

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/25/2024 Sampling Date:

Reported: 07/26/2024 Sampling Type: Soil

Project Name: PLU C2 FRAC POND Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20698

Project Location: XTO 32.14977,-103.84655

Sample ID: WW 3 (H244419-07)

| 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 | 07/25/2024 | ND | 1.96 | 98.1 | 2.00 | 2.11 | |
| Toluene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.91 | 95.7 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/25/2024 | ND | 1.94 | 97.1 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 07/25/2024 | ND | 5.71 | 95.2 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/25/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/25/2024 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/25/2024 | ND | 195 | 97.3 | 200 | 4.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/25/2024 | ND | 188 | 94.1 | 200 | 0.00160 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/25/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Notes and Definitions

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keene

24 hr Rush !!!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 10 of 10

Released to Imaging: 9/20/2024 2:32:42 PM

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

| Company Name | | | | BI | LL TO | | - | ANALYSIS | REQUEST |
|---------------------------|--|------------------|---------------------------------|--|-------------------------------|---------|------|----------|---------|
| Project Manage | ": Lance Crenshaw | | | P.O. #: | | | | | |
| Address: | | | | Company: | (TO | 7 | | | |
| City: | State: | Zip: | | Attn: AM7 | Ruth | | | | |
| Phone #: | Fax#: | | | Address: | | | | | |
| Project #: PLU | C2 Frac Project Ow | mer: | | City: | | | | | |
| Project Name: | PLV C2 frac | | | | Zip: | | | | |
| Project Location | | | | Phone #: | | | | | |
| Sampler Name: | Aaron Rios | | | Fax #: | | | | | |
| FOR LAB USE ONLY | | TI | MATRIX | PRESERV. | SAMPLING | 7 | | | |
| Lab I.D. H244419 | Sample I.D. | (G)RAB OR (C)OMP | GROUNDWATER WASTEWATER SOIL OIL | OTHER: ACID/BASE: ICE / COOL OTHER: | DATE TIME | 77 | BTEX | | |
| (| FC5724' | C1 | X | X | 724 | | / | | |
| Z | FL 5704' FL 5804', FL 5004', FL 6004 | 101 | X | . X | 724 | 1 | | | |
| 3 | FL Saey', | C 1 | X | X | 724 | | | | |
| 4 | FL 60 6 4 | 101 | X | 1 | 7-24 | | X | | |
| S | Backfill Sample NW2 WW3 | 611 | X | XXX | 7-24 | 1 / | | + | |
| 4 | 10002 | 141 | Ž | 1 7 | 7-24 | 1/ | | | |
| 7 | wws | 101 | | Λ. | 7-24 | V | | i | |
| | | \perp | | | | + | | | |
| | | | | * | | | | | |
| LEASE NOTE: Liability and | LDamages. Cardinal's fability and client's exclusive remady to those for negligence and any other cause wheterways shall | for any claim an | sing whether based in contract | or tort, shall be limited to | the amount paid by the client | for the | | | |

| Eme Cenh | Date: 7-25-24 Recei | ived By: | Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Émail address: |
|---|-----------------------|---|--|
| Refinquished By: | Date: Recei | NUMBER OSCARIOS (Vived By: | REMARKS: Email to pme etcchenv.com |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C 0.3 | Sample Condition Cool Intact (Initials) Yes Yes No No | Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor 0°C Bacteria (only) Sample Condition Cool Intact Observed Temp. °C |

Appendix E Regulatory Correspondence

From: <u>Bratcher, Michael, EMNRD</u>

To: <u>alan.romero1@exxonmobil.com</u>; <u>Ben Arguijo</u>; <u>Lance Crenshaw</u>; <u>amanda.garcia@exxonmobil.com</u>;

amy.ruth@exxonmobil.com; colton.s.brown@exxonmobil.com; kaylan.dirkx@exxonmobil.com;

kailee.smith@exxonmobil.com

Cc: Rodgers, Scott, EMNRD; Wells, Shelly, EMNRD

Subject: RE: [EXTERNAL] XTO C-141N Variance Request - PLU C2 Frac Pond - NAPP2419849771

Date: Monday, August 26, 2024 12:09:50 PM

Attachments: <u>image001.png</u>

Alan.

Using the last four digits of the incident number, the below listed sample notifications have been removed from 0490. You will need to resubmit them to 9771. The system should let you enter them using the July dates but let me know if you have issues. The variance is approved by default more than anything else as the July sampling data could be rejected based solely on the lack of proper notification.

Thank you,

Mike Bratcher

Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 |
mike.bratcher@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Romero, Alan <<u>alan.romero1@exxonmobil.com</u>>

Sent: Wednesday, August 21, 2024 12:46 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Ben Arguijo <<u>bena@etechenv.com</u>>; Lance Crenshaw <<u>lance@etechenv.com</u>>; Garcia, Amanda <<u>amanda.garcia@exxonmobil.com</u>>; Ruth, Amy <<u>amy.ruth@exxonmobil.com</u>>; Brown, Colton S <<u>colton.s.brown@exxonmobil.com</u>>; Dirkx, Kaylan <<u>kaylan.dirkx@exxonmobil.com</u>>; Smith, Kailee /C <<u>kailee.smith@exxonmobil.com</u>>

Subject: [EXTERNAL] XTO C-141N Variance Request - PLU C2 Frac Pond - NAPP2419849771

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

Good Afternoon,

XTO is requesting a variance of the 48-hr sampling notification for the PLU C2 Frac Pond (Incident Number NAPP2419849771). The sampling notifications for this incident were mistakenly submitted on 7/11 and 7/16 for another incident at the same location with Incident Number NAPP2401640490, whose closure was approved on 7/18/24. In order to submit a final closure of remediation report, XTO requests that the correct samples be applicable for Incident Number NAPP2419849771 and voided for Incident Number NAPP2401640490. The image below shows the exact sampling ID's

and their correct entry dates that were intended for Incident Number NAPP2419849771:

| Sampling Notice | [364635] | 07/16/2024 | 07/16/2024 |
|-----------------|----------|------------|------------|
| Sampling Notice | [364634] | 07/16/2024 | 07/16/2024 |
| Sampling Notice | [364632] | 07/16/2024 | 07/16/2024 |
| Sampling Notice | [364630] | 07/16/2024 | 07/16/2024 |
| Sampling Notice | [364626] | 07/16/2024 | 07/16/2024 |
| Sampling Notice | [363384] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363383] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363381] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363380] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363374] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363373] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363371] | 07/11/2024 | 07/11/2024 |
| Sampling Notice | [363369] | 07/11/2024 | 07/11/2024 |
| | | | |

Please let me know if you have any questions, need any clarifications made, or may offer further guidance regarding this.

Thank you,

Alan Romero

Environmental/Regulatory Advisor
Permian Business Unit – New Mexico Delaware Basin

ExxonMobil Upstream Oil & Gas Company Unconventional

3104 East Greene Street Carlsbad, New Mexico 88220 Direct: (575) 988-3383

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To: Romero, Alan

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 378195

Date: Tuesday, August 27, 2024 10:05:53 AM

To whom it may concern (c/o Alan Romero for XTO ENERGY, INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419849771.

The sampling event is expected to take place:

When: 07/18/2024 @ 08:00

Where: A-11-25S-30E 0 FNL 0 FEL (32.14977,-103.84655)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From the intersection of Buck Jackson Rd and Twin Wells Rd (32.165521, -103.842637), head S on Buck Jackson Rd for 1.04 mi, then W for 0.15 mi, then S for 0.04 mi, then W for 0.07 mi to arrive at the PLU C2 Frac Pond release area (32.14977, -103.84655).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: Romero, Alan

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 378201

Date: Tuesday, August 27, 2024 10:09:13 AM

To whom it may concern (c/o Alan Romero for XTO ENERGY, INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419849771.

The sampling event is expected to take place:

When: 07/19/2024 @ 08:00

Where: A-11-25S-30E 0 FNL 0 FEL (32.14977,-103.84655)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From the intersection of Buck Jackson Rd and Twin Wells Rd (32.165521, -103.842637), head S on Buck Jackson Rd for 1.04 mi, then W for 0.15 mi, then S for 0.04 mi, then W for 0.07 mi to arrive at the PLU C2 Frac Pond release area (32.14977, -103.84655).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: Romero, Alan

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 378210

Date: Tuesday, August 27, 2024 10:10:27 AM

To whom it may concern (c/o Alan Romero for XTO ENERGY, INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419849771.

The sampling event is expected to take place:

When: 07/22/2024 @ 08:00

Where: A-11-25S-30E 0 FNL 0 FEL (32.14977,-103.84655)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From the intersection of Buck Jackson Rd and Twin Wells Rd (32.165521, -103.842637), head S on Buck Jackson Rd for 1.04 mi, then W for 0.15 mi, then S for 0.04 mi, then W for 0.07 mi to arrive at the PLU C2 Frac Pond release area (32.14977, -103.84655).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: Romero, Alan

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 378214

Date: Tuesday, August 27, 2024 10:11:31 AM

To whom it may concern (c/o Alan Romero for XTO ENERGY, INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419849771.

The sampling event is expected to take place:

When: 07/23/2024 @ 08:00

Where: A-11-25S-30E 0 FNL 0 FEL (32.14977,-103.84655)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From the intersection of Buck Jackson Rd and Twin Wells Rd (32.165521, -103.842637), head S on Buck Jackson Rd for 1.04 mi, then W for 0.15 mi, then S for 0.04 mi, then W for 0.07 mi to arrive at the PLU C2 Frac Pond release area (32.14977, -103.84655).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: Romero, Alan

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 378217

Date: Tuesday, August 27, 2024 10:12:43 AM

To whom it may concern (c/o Alan Romero for XTO ENERGY, INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419849771.

The sampling event is expected to take place:

When: 07/24/2024 @ 08:00

Where: A-11-25S-30E 0 FNL 0 FEL (32.14977,-103.84655)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From the intersection of Buck Jackson Rd and Twin Wells Rd (32.165521, -103.842637), head S on Buck Jackson Rd for 1.04 mi, then W for 0.15 mi, then S for 0.04 mi, then W for 0.07 mi to arrive at the PLU C2 Frac Pond release area (32.14977, -103.84655).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

<u>District I</u> 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

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 383425

QUESTIONS

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Prerequisites | |
|------------------|-------------------------------------|
| Incident ID (n#) | nAPP2419849771 |
| Incident Name | NAPP2419849771 PLU C2 FRAC POND @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |

| Location of Release Source | |
|--|------------------|
| Please answer all the questions in this group. | |
| Site Name | PLU C2 Frac Pond |
| Date Release Discovered | 06/15/2024 |
| Surface Owner | Federal |

| Incident Details | |
|--|------------------------|
| Please answer all the questions in this group. | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| Crude Oil Released (bbls) Details | Not answered. |
|--|--|
| Produced Water Released (bbls) Details | Cause: Human Error Flow Line - Production Produced Water Released: 57 BBL Recovered: 0 BBL Lost: 57 BBL. |
| s the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

District I

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

QUESTIONS, Page 2

Action 383425

| QUESTIC | ONS (continued) | |
|---|---|--|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: | |
| QUESTIONS | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |
| Nature and Volume of Release (continued) | | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. | |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes | |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. | |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. | . gas only) are to be submitted on the C-129 form. | |
| Initial Response The responsible party must undertake the following actions immediately unless they could create a sa | afaty hazard that would result in injury | |

| Initial Response | | |
|--|---------------|--|
| The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. | | |
| The source of the release has been stopped | True | |
| The impacted area has been secured to protect human health and the environment | True | |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True | |
| All free liquids and recoverable materials have been removed and managed appropriately | True | |
| If all the actions described above have not been undertaken, explain why | Not answered. | |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Colton Brown
Title: Environmental Advisor
Email: colton.s.brown@exxonmobil.com
Date: 09/13/2024

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

QUESTIONS, Page 3

Action 383425

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Site Characterization | | |
|---|--------------------------------|--|
| Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) | |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search | |
| Did this release impact groundwater or surface water | No | |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) | |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1000 (ft.) and ½ (mi.) | |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) | |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1000 (ft.) and ½ (mi.) | |
| Any other fresh water well or spring | Between 1 and 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 | No | |

| Remediation Plan | | |
|--|--|--|
| Please answer all the questions that apply or are indicated. This information must be pi | rovided to the appropriate district office no later than 90 days after the release discovery date. | |
| Requesting a remediation plan approval with this submission | Yes | |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil con | stamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | |
| Have the lateral and vertical extents of contamination been fully delineated | d Yes | |
| Was this release entirely contained within a lined containment area | No | |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 17600 | |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 39 | |
| GRO+DRO (EPA SW-846 Method 8015M) | 10 | |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0.3 | |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0.1 | |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation. | | |
| On what estimated date will the remediation commence | 07/12/2024 | |
| On what date will (or did) the final sampling or liner inspection occur | 07/24/2024 | |
| On what date will (or was) the remediation complete(d) | 07/30/2024 | |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 | |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 | |
| What is the estimated surface area (in square feet) that will be remediate | ed 12451 | |
| What is the estimated volume (in cubic yards) that will be remediated | 1612 | |
| 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 ad | ljusted 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.

District I

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

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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 383425

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Remediation Plan (continued) | |
|---|-------------------------|
| Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| (Select all answers below that apply.) | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | Not answered. |
| 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 | Yes |
| In which state is the disposal taking place | Texas |
| What is the name of the out-of-state facility | R360 Red Bluff Facility |
| 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) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement

Name: Colton Brown
Title: Environmental Advisor

Email: colton.s.brown@exxonmobil.com

Date: 09/13/2024

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.

Released to Imaging: 9/20/2024 2:32:42 PM

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

QUESTIONS, Page 5

Action 383425

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

District I

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

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

<u>District IV</u> 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 383425

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 378217 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 07/24/2024 |
| What was the (estimated) number of samples that were to be gathered | 70 |
| What was the sampling surface area in square feet | 11455 |

| Remediation Closure Request | |
|--|--|
| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 12451 |
| What was the total volume (cubic yards) remediated | 1612 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 12451 |
| What was the total volume (in cubic yards) reclaimed | 1568 |
| Summarize any additional remediation activities not included by answers (above) | On July 24, 2024, a 5-point composite soil sample (Backfill Sample) was collected from the imported material stockpiled onsite to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill. From July 24 through July 30, 2024, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with the stockpiled material (characterized by soil sample Backfill Sample) emplaced at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. The release was limited to an active frac pond facility and did not impact the adjacent pasture. Final revegetation will be conducted upon decommissioning and abandonment of the location. The reclaimed area will be revegetated with an agency and/or landowner-approved seed mix during the first favorable growing season following closure of the facility. The seed mix will be certified as weed-free and installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow |

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

Name: Colton Brown
Title: Environmental Advisor

Email: colton.s.brown@exxonmobil.com

Date: 09/13/2024

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

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 7

Action 383425

| QUESTIONS | (continued) |
|------------------|-------------|
| QUESTIONS! | (COHUHUCU) |

| Operator: | OGRID: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 383425 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Reclamation Report | | |
|---|----|--|
| Only answer the questions in this group if all reclamation steps have been completed. | | |
| Requesting a reclamation approval with this submission | No | |

District I
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CONDITIONS

Action 383425

CONDITIONS

| Operator: | OGRID: | |
|------------------------|---|--|
| XTO ENERGY, INC | 5380 | |
| 6401 Holiday Hill Road | Action Number: | |
| Midland, TX 79707 | 383425 | |
| | Action Type: | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|-------------------|
| scott.rodgers | Remediation closure request is approved. All confirmation samples meet the Table 1 closure criteria for ground water less than 50 feet. Please note, if nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. | 9/20/2024 |
| scott.rodgers | All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved. | 9/20/2024 |