

| | |
|----------------|---------------|
| Incident ID | nRM2034557149 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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? | <u><50</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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| | |
|----------------|---------------|
| Incident ID | nRM2034557149 |
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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.

Printed Name: Jacqui Harris Title: Environmental CoordinatorSignature:  Date: 6/9/2021email: Jacqui.Harris@conocophillips.com Telephone: (575)689-3114**OCD Only**

Received by: _____ Date: _____

| | |
|----------------|---------------|
| Incident ID | nRM2034557149 |
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Closure

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 (electronic submittals in .pdf format are preferred) 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.

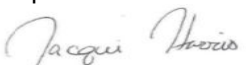
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Jacqui Harris

Title: Environmental Coordinator

Signature: 

Date: 6/9/2021

email: Jacqui.Harris@conocophillips.com

Telephone: (575)689-3114

OCD Only

Received by: Chad Hensley

Date: 08/11/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: 

Date: 08/11/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced

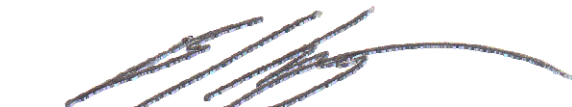
Remediation Summary & Soil Closure Request


COG Operating, LLC Raspberry St. #1 11/12/2020

Lea County, New Mexico
Unit Letter "M", Section 26, Township 21 South, Range 33 East
Latitude 32.44479 North, Longitude 103.55091 West
NMOCD Reference No. nRM2034557149

Prepared By:

Etech Environmental & Safety Solutions, Inc.
3100 Plains Highway
Lovington, New Mexico 88260



B. J. Arguijo

Joel W. Lowry

Midland • San Antonio • Lubbock • Lovington • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of COG Operating, LLC, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Raspberry St. #1 11/12/2020 (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.44479 Longitude: -103.55091

Provided GPS are in WGS84 format.

| | |
|--|-------------------------------------|
| Site Name: Raspberry St. #1 11/12/2020 | Site Type: Flowline |
| Date Release Discovered: 11/12/2020 | API # (if applicable): 30-025-43179 |

| | | | | |
|-------------|---------|----------|-------|--------|
| Unit Letter | Section | Township | Range | County |
| "M" | 26 | 21S | 33E | Lea |

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name)

Nature & Volume of Release

| | | |
|--|---|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 133 | Volume Recovered (bbls) 0 |
| | Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:

The release was caused by a vehicle running over the flow line, causing it to bust. The release affected an area within the pasture, caliche road, and well pad.

Initial Response

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

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 as Appendix A.

| | | |
|---|---|--|
| What is the shallowest depth to groundwater beneath the area affected by the release? | >800' | |
| Did the release impact groundwater or surface water? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production or storage site? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

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*‡ |
|-------------------------------|--|-----------------------------------|--------------------|------------------------|
| >800' | Chloride (Cl ⁻) | EPA 300.0 or SM4500 Cl B | 20,000 | 600 |
| | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 2,500 | 100 |
| | Gas Range Organics + Diesel Range Organics (GRO + DRO) | EPA SW-846 Method 8015M | 1,000 | N/A |
| | 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)

† 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 January 25, 2021, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, hand-augered soil bores were advanced at the inferred edges of the affected area in an effort 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 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 @ Surface, NH @ 1', EH1 @ Surface, EH1 @ 1', EH2 @ Surface, EH2 @ 1', SH1 @ Surface, SH1 @ 1', SH2 @ Surface, SH2 @ 1', WH @ Surface, WH @ 1', SP1 @ Surface, SP1 @ 3', SP2 @ Surface, SP2 @ 1', SP3 @ Surface, SP3 @ 1', SP4 @ Surface, SP4 @ 1', SP5 @ Surface, SP5 @ 1', SP6 @ Surface, SP6 @ 2', SP7 @ Surface, and SP7 @ 1') were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard beyond four (4) feet below ground surface (bgs), and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard was adequately defined.

5.0 REMEDIATION ACTIVITIES SUMMARY

On April 19, 2021, remediation activities commenced at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and a Hach Quantab ® chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Etech collected eight (8) confirmation soil samples (EW 1, WW 1, WW 2, and FL 1 @ 1' through and FL 5 @ 1') from the sidewalls and floor of the excavation. The soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On April 20, 2021, Etech collected nine (9) confirmation soil samples (EW 2, EW 3, EW 4, WW 3, WW 4, and FL 6 @ 1' through FL 9 @ 1') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On April 23, 2021, Etech collected four (4) confirmation soil samples (EW 5, WW 5, FL 10 @ 3', and FL 11 @ 3') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On April 27, 2021, Etech collected nine (9) confirmation soil samples (NW 1, NW 2, EW 6, FL 12 @ 6' through FL 17 @ 6') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On April 28, 2021, Etech collected 11 confirmation soil samples (NW 3, EW 7, SW 1, and FL 18 @ 2' through FL 25 @ 3') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 3, 2021, Etech collected four (4) confirmation soil samples (EW 8, WW 6, FL 26 @ 4', and FL 27 @ 4') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 4, 2021, Etech collected 15 confirmation soil samples (EW 9, EW 10, SW 2, WW 7, WW 8, WW 9, and FL 28 @ 4' through FL 36 @ 1') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 5, 2021, Etech collected eight (8) confirmation soil samples (NW 4, EW 11, EW 12, SW 3, SW 4, WW 10, FL 37 @ 4', and FL 38 @ 4') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 6, 2021, Etech collected six (6) confirmation soil samples (NW 5, NW 6, SW 5, SW 6, WW 11, and FL 39 @ 4') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 7, 2021, Etech collected 18 confirmation soil samples (NW 7, NW 8, EW 13, SW 7, SW 8, WW 12, and FL 40 @ 1' through FL 51 @ 1') from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 435 to 470 feet in length, one (1) to 63 feet in width, and one (1) to six (6) feet in depth. During the course of remediation activities, approximately 760 cubic yards of impacted soil was transported to an NMOCD-permitted surface waste facility for disposal.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Laboratory analytical reports are provided in Appendix B. General photographs of the Site are provided in Appendix C.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected areas were compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency- and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the Site.

7.0 SOIL CLOSURE REQUEST

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

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

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 reference 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 COG Operating, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or COG Operating, LLC.

9.0 DISTRIBUTION

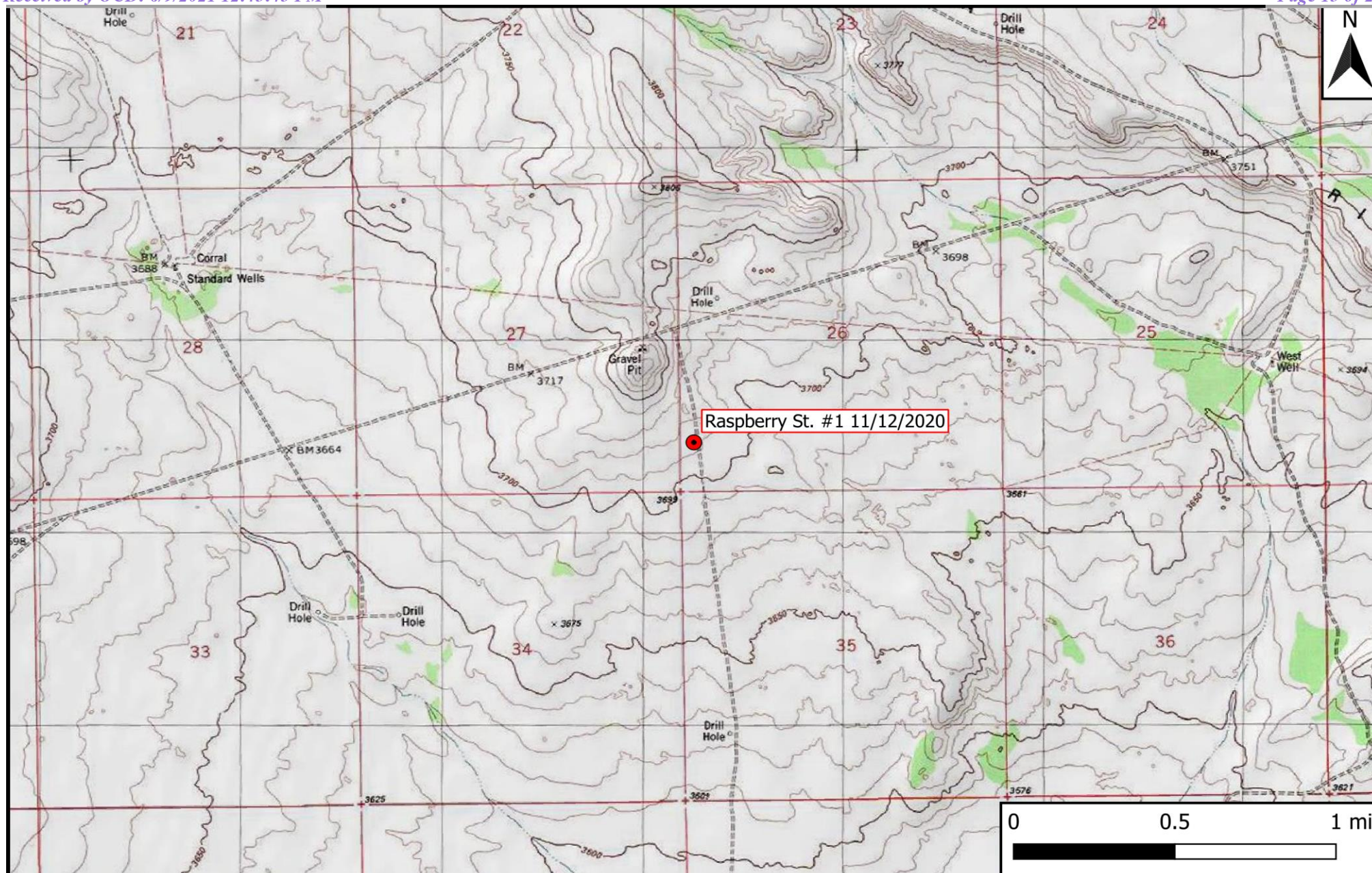
COG Operating, LLC
600 West Illinois Avenue
Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

(Electronic Submission)

Figure 1

Topographic Map



Legend

● Site Location

Figure 1

Topographic Map
 COG Operating, LLC
 Raspberry St. #1 11/12/2020
 GPS: 32.44479, -103.55091
 Lea County

ETECH
 Environmental & Safety Solutions, Inc.

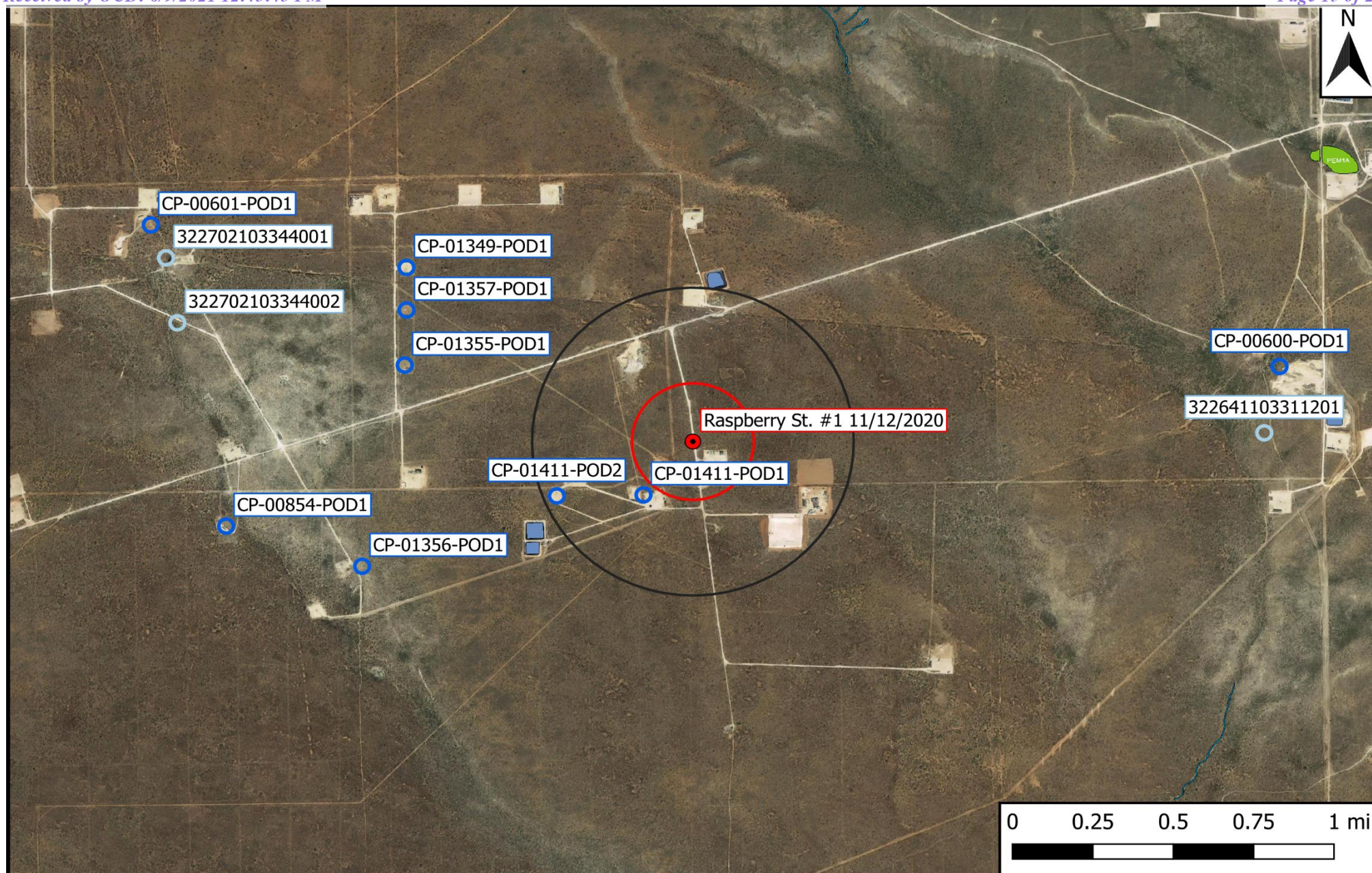
Drafted: bja

Checked: jwl

Date: 5/3/21

Figure 2

Aerial Proximity Map



| | |
|------------------------------|----------------------------|
| Legend | 1,000-Ft Radius |
| Site Location | 0.5-Mi Radius |
| Well - Investigative/Monitor | 1% Annual Flood Chance |
| Well - NMOSE | Emergent/Forested Wetlands |
| Well - USGS | Freshwater Pond/Lake |
| Potash Mine Workings | Medium/High Karst |
| | Riverine |

Figure 2
Aerial Proximity Map
COG Operating, LLC
Raspberry St. #1 11/12/2020
GPS: 32.44479, -103.55091
Lea County

eTECH
Environmental & Safety Solutions, Inc.

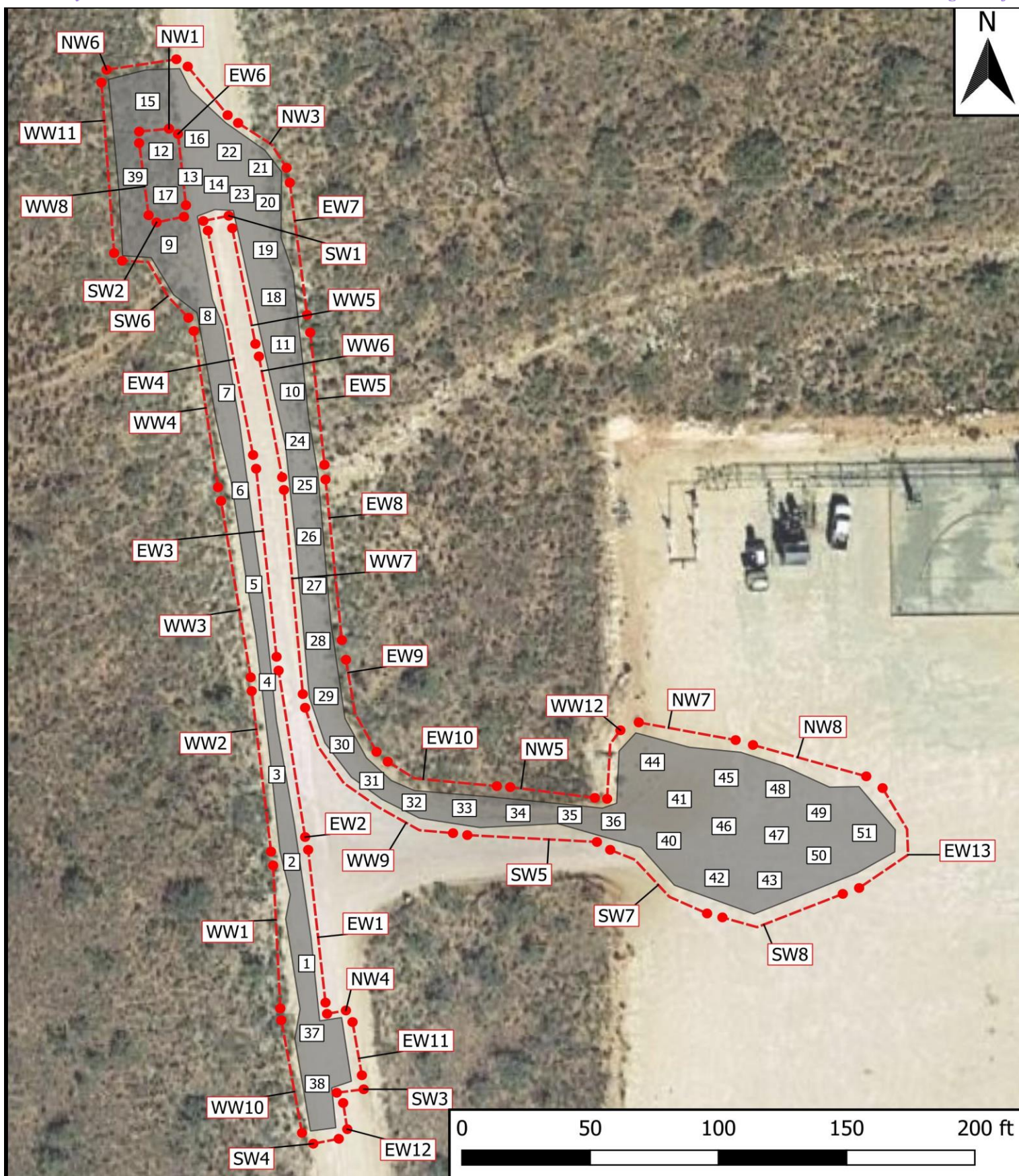
Drafted: bja

Checked: jwl

Date: 5/3/21

Figure 3

Site & Sample Location Map



Legend

- Floor Sample
- Wall Sample
- Excavated Area

Figure 3

Site & Sample Location Map
 COG Operating, LLC
 Raspberry St. #1 11/12/2020
 GPS: 32.44479, -103.55091
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: jwl

Date: 5/12/21

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

| Table 1 Concentrations of BTEX, TPH & Chloride in Soil COG Operating, LLC Raspberry St. #1 11/12/2020 NMOCD Ref. #: nRM2034557149 | | | | | | | | | | | |
|---|-----------|-------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Closure Criteria | | | | 10 | 50 | - | - | 1,000 | - | 2,500 | 20,000 |
| NMOCD Reclamation Standard | | | | 10 | 50 | - | - | - | - | 100 | 600 |
| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | 4500 Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| Delineation Samples | | | | | | | | | | | |
| NH @ Surface | 1/25/2021 | 0' | In-Situ | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 28.0 |
| NH @ 1' | 1/25/2021 | 1' | In-Situ | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 14.3 |
| EH1 @ Surface | 1/25/2021 | 0' | In-Situ | <0.00202 | <0.00202 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 456 |
| EH1 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 180 |
| EH2 @ Surface | 1/25/2021 | 0' | In-Situ | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 140 |
| EH2 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00201 | <0.00201 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 93.4 |
| SH1 @ Surface | 1/25/2021 | 0' | In-Situ | <0.00202 | <0.00202 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 187 |
| SH1 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00200 | <0.00200 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 71.3 |
| SH2 @ Surface | 1/25/2021 | 0' | In-Situ | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 249 |
| SH2 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 120 |
| WH @ Surface | 1/25/2021 | 0' | In-Situ | <0.00198 | <0.00198 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 20.2 |
| WH @ 1' | 1/25/2021 | 1' | In-Situ | <0.00199 | <0.00199 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 7.18 |
| SP1 @ Surface | 1/25/2021 | 0' | Excavated | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 963 |
| SP1 @ 3' | 1/25/2021 | 3' | Excavated | <0.00202 | <0.00202 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 639 |
| SP2 @ Surface | 1/25/2021 | 0' | Excavated | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 510 |
| SP2 @ 1' | 1/25/2021 | 1' | Excavated | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 153 |
| SP3 @ Surface | 1/25/2021 | 0' | Excavated | <0.00199 | <0.00199 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 624 |
| SP3 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 179 |
| SP4 @ Surface | 1/25/2021 | 0' | Excavated | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 664 |
| SP4 @ 1' | 1/25/2021 | 1' | Excavated | <0.00199 | <0.00199 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 120 |
| SP5 @ Surface | 1/25/2021 | 0' | Excavated | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 929 |
| SP5 @ 1' | 1/25/2021 | 1' | In-Situ | <0.00200 | <0.00200 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 339 |
| SP6 @ Surface | 1/25/2021 | 0' | Excavated | <0.00198 | <0.00198 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 639 |
| SP6 @ 2' | 1/25/2021 | 2' | In-Situ | <0.00198 | <0.00198 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 203 |
| SP7 @ Surface | 1/25/2021 | 0' | Excavated | <0.00201 | <0.00201 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 1,010 |
| SP7 @ 1' | 1/25/2021 | 1' | Excavated | <0.00202 | <0.00202 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 150 |
| Excavation Samples | | | | | | | | | | | |
| NW 1 | 4/27/2021 | 0'-6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| NW 2 | 4/27/2021 | 0'-2' | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| NW 3 | 4/28/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| NW 4 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| NW 5 | 5/6/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| NW 6 | 5/6/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| NW 7 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 496 |
| NW 8 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| EW 1 | 4/19/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| EW 2 | 4/20/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| EW 3 | 4/20/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| EW 4 | 4/20/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| EW 5 | 4/23/2021 | 0'-3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
COG Operating, LLC
Raspberry St. #1 11/12/2020
NMOCD Ref. #: nRM2034557149

| NMOCD Closure Criteria | | | | 10 | 50 | - | - | 1,000 | - | 2,500 | 20,000 |
|----------------------------|-----------|-------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Reclamation Standard | | | | 10 | 50 | - | - | - | - | 100 | 600 |
| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | 4500 Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| EW 6 | 4/27/2021 | 0'-6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| EW 7 | 4/28/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| EW 8 | 5/3/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| EW 9 | 5/4/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| EW 10 | 5/4/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| EW 11 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| EW 12 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| EW 13 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| SW 1 | 4/28/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| SW 2 | 5/4/2021 | 0'-6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| SW 3 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| SW 4 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 576 |
| SW 5 | 5/6/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| SW 6 | 5/6/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SW 7 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| SW 8 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| WW 1 | 4/19/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| WW 2 | 4/19/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| WW 3 | 4/20/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| WW 4 | 4/20/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| WW 5 | 4/23/2021 | 0'-2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| WW 6 | 5/3/2021 | 0'-3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| WW 7 | 5/4/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| WW 8 | 5/4/2021 | 0'-6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| WW 9 | 5/4/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| WW 10 | 5/5/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 544 |
| WW 11 | 5/6/2021 | 0'-4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| WW 12 | 5/7/2021 | 0'-1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| FL 1 @ 1' | 4/19/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL 2 @ 1' | 4/19/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FL 3 @ 1' | 4/19/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL 4 @ 1' | 4/19/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL 5 @ 1' | 4/19/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FL 6 @ 1' | 4/20/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FL 7 @ 1' | 4/20/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FL 8 @ 1' | 4/20/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FL 9 @ 1' | 4/20/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FL 10 @ 3' | 4/23/2021 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| FL 11 @ 3' | 4/23/2021 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FL 12 @ 6' | 4/27/2021 | 6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FL 13 @ 2' | 4/27/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

| Table 1 Concentrations of BTEX, TPH & Chloride in Soil COG Operating, LLC Raspberry St. #1 11/12/2020 NMOCD Ref. #: nRM2034557149 | | | | | | | | | | | |
|--|-----------|-------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Closure Criteria | | | | 10 | 50 | - | - | 1,000 | - | 2,500 | 20,000 |
| NMOCD Reclamation Standard | | | | 10 | 50 | - | - | - | - | 100 | 600 |
| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | 4500 Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| FL 14 @ 2' | 4/27/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FL 15 @ 2' | 4/27/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FL 16 @ 2' | 4/27/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL 17 @ 6' | 4/27/2021 | 6' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FL 18 @ 2' | 4/28/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FL 19 @ 2' | 4/28/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL 20 @ 2' | 4/28/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| FL 21 @ 2' | 4/28/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| FL 22 @ 1' | 4/28/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FL 23 @ 1' | 4/28/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL 24 @ 3' | 4/28/2021 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FL 25 @ 3' | 4/28/2021 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FL 26 @ 4' | 5/3/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FL 27 @ 4' | 5/3/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 912 |
| FL 28 @ 4' | 5/4/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FL 29 @ 4' | 5/4/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FL 30 @ 4' | 5/4/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FL 31 @ 4' | 5/4/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FL 32 @ 3' | 5/4/2021 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FL 33 @ 2' | 5/4/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| FL 34 @ 1' | 5/4/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FL 35 @ 1' | 5/4/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| FL 36 @ 1' | 5/4/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| FL 37 @ 4' | 5/5/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 352 |
| FL 38 @ 4' | 5/5/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FL 39 @ 4' | 5/6/2021 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| FL 40 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FL 41 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FL 42 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| FL 43 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FL 44 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FL 45 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FL 46 @ 2' | 5/7/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| FL 47 @ 2' | 5/7/2021 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| FL 48 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FL 49 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FL 50 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 |
| FL 51 @ 1' | 5/7/2021 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |

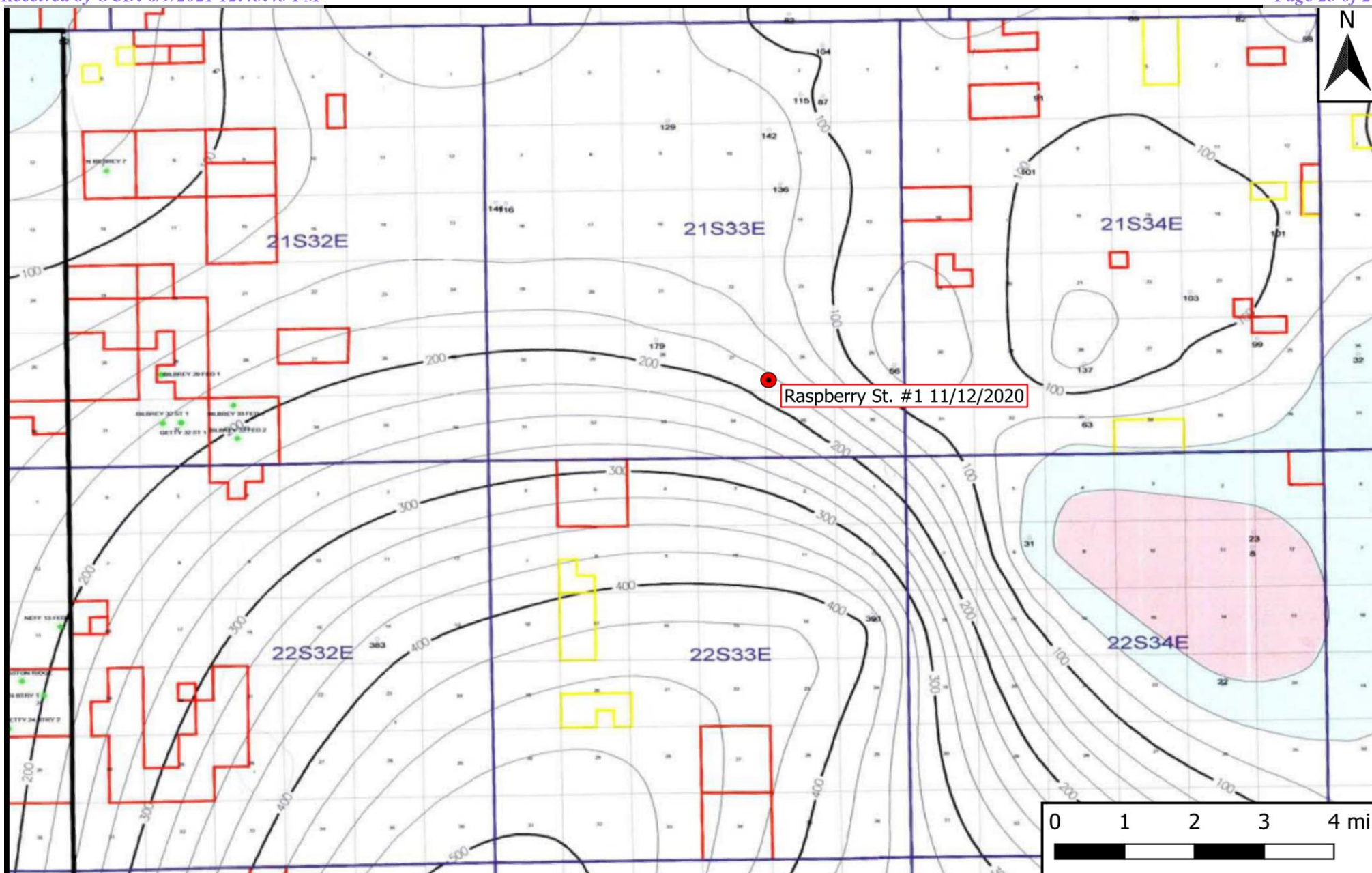
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Appendix A

Depth to Groundwater Information



Legend

- Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
 COG Operating, LLC
 Raspberry St. #1 11/12/2020
 GPS: 32.44479, -103.55091
 Lea County

ETECH
 Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 5/3/21



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|-------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|---------|----------|------------|-------------|--------------|
| CP 01411 POD1 | CP | LE | | 2 | 2 | 34 | 21S | 33E | | 635968 | 3590386 | 371 | 1149 | | |
| CP 01411 POD2 | CP | LE | | 1 | 2 | 34 | 21S | 33E | | 635534 | 3590380 | 737 | 1125 | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 636215.63

Northing (Y): 3590663.28

Radius: 804.67

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, usability, or suitability for any particular purpose of the data.

5/19/21 1:07 PM


Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

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 Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| | CP 01411 POD1 | 2 | 2 | 34 | 21S | 33E | 635968 | 3590386 |  |

| | | | | |
|--------------------------|------------|-----------------------------|---|--------------------------------|
| Driller License: | 1723 | Driller Company: | SBQ2, LLC DBA STEWART BROTHERS DRILLING CO. | |
| Driller Name: | | | | |
| Drill Start Date: | 10/09/2014 | Drill Finish Date: | 10/14/2014 | Plug Date: |
| Log File Date: | 12/26/2014 | PCW Rcv Date: | | Source: Artesian |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: 50 GPM |
| Casing Size: | 9.88 | Depth Well: | 1149 feet | Depth Water: |

| | | | |
|---------------------------------------|------------|---------------|-------------------------------|
| Water Bearing Stratifications: | Top | Bottom | Description |
| | 800 | 820 | Sandstone/Gravel/Conglomerate |
| | 820 | 1145 | Sandstone/Gravel/Conglomerate |

| | | |
|-----------------------------|------------|---------------|
| Casing Perforations: | Top | Bottom |
| | 780 | 1149 |

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1/5/21 9:11 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | | |
|---|--|----------------------------|--|---|--|--|--------------------------------|--------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NUMBER (WELL NUMBER) POD 1 CP-1411 | | | | OSE FILE NUMBER(S) | | | |
| | WELL OWNER NAME(S) BC Operating | | | | PHONE (OPTIONAL) 432-684-9696 | | | |
| | WELL OWNER MAILING ADDRESS 4000 Big Spring St. STE 310 | | | | CITY Midland | | STATE TX | ZIP 79705 |
| | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | MINUTES 26 | SECONDS 32.4 N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84 | | | |
| LONGITUDE 103 33 12.9 W | | | | | | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NUMBER 1723 | | NAME OF LICENSED DRILLER Randal P Stewart | | | NAME OF WELL DRILLING COMPANY Stewart Brothers Drilling Company | | |
| | DRILLING STARTED 10/9/14 | DRILLING ENDED 10/14/14 | DEPTH OF COMPLETED WELL (FT) 1149 | BORE HOLE DEPTH (FT) 1149 | DEPTH WATER FIRST ENCOUNTERED (FT) 800 | | | |
| | COMPLETED WELL IS: <input checked="" type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | | |
| | DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY: | | | | | | | |
| | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE | CASING INSIDE DIAM (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | 0 | 40 | 20 | A 53 Grade B | Welded | 15.5 | .250 | |
| | +2 | 800 | 14 3/4 | A 53 Grade B | Threaded | 10.02 | .365 | |
| | 780 | 1149 | 9 7/8 | A 53 Grade B | Welded | 8 | .322 | .125 |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | 0 | 40 | 20 | Neat Cement | 31 | Pressure via Tremi | | |
| | 0 | 800 | 14 3/4 | Class C (Chief Services) | 540 Sks | Chief Services | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | |
|------------------------|-----------------|----------------------|
| FILE NUMBER CP-1411 | POD NUMBER 1 | TRN NUMBER 554668 |
| LOCATION Exp | 215.33E.34.22 | |

PAGE 1 OF 2


204 DEC 26 AM 9:11
HOD

Released to Imaging: 8/11/2021 8:44:23 AM



New Mexico Office of the State Engineer

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 Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| | CP 01411 POD2 | 1 | 2 | 34 | 21S | 33E | 635534 | 3590380 |  |

x

| | | | | |
|--------------------------|------------|-----------------------------|---|--------------------------------|
| Driller License: | 1723 | Driller Company: | SBQ2, LLC DBA STEWART BROTHERS DRILLING CO. | |
| Driller Name: | | | | |
| Drill Start Date: | 10/01/2014 | Drill Finish Date: | 10/07/2014 | Plug Date: |
| Log File Date: | 12/26/2014 | PCW Rcv Date: | | Source: Artesian |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: 50 GPM |
| Casing Size: | 9.88 | Depth Well: | 1125 feet | Depth Water: |

x

| | | | |
|---------------------------------------|------------|---------------|-------------------------------|
| Water Bearing Stratifications: | Top | Bottom | Description |
| | 840 | 1125 | Sandstone/Gravel/Conglomerate |

x

| | | |
|-----------------------------|------------|---------------|
| Casing Perforations: | Top | Bottom |
| | 744 | 1125 |

x

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1/5/21 9:11 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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| | | | | | | | | | | | | | | |
|---|---|------------------------|--|-----------------|---|--|------------------------------|------------------------|--|------------------------|--------------------------------------|--|--------------------------|--|
| 1. GENERAL AND WELL LOCATION | OSE POD NUMBER (WELL NUMBER) POD 2 CP-1411 | | | | OSE FILE NUMBER(S) | | | | | | | | | |
| | WELL OWNER NAME(S) BC Operating | | | | PHONE (OPTIONAL) 432-684-9696 | | | | | | | | | |
| | WELL OWNER MAILING ADDRESS 4000 Big Spring St. STE 310 | | | | CITY Midland | | STATE TX | | | | | | | |
| | | | | | ZIP 79705 | | | | | | | | | |
| | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | MINUTES 26 | SECONDS 31.6 | N | * ACCURACY REQUIRED ONE TENTH OF A SECOND | | | | | | | | |
| | LONGITUDE 103 | 33 | 29.5 | W | * DATUM REQUIRED: WGS 84 | | | | | | | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | | | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NUMBER 1723 | | NAME OF LICENSED DRILLER Randal P Stewart | | | NAME OF WELL DRILLING COMPANY Stewart Brothers Drilling Company | | | | | | | | |
| | DRILLING STARTED 10/1/14 | | DRILLING ENDED 10/7/14 | | DEPTH OF COMPLETED WELL (FT) 10/8/14 | | BORE HOLE DEPTH (FT) 1125 | | DEPTH WATER FIRST ENCOUNTERED (FT) 840 | | | | | |
| | COMPLETED WELL IS: <input checked="" type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED) | | | | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | | | | | |
| | DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: | | | | | | | | | | | | | |
| | DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY: | | | | | | | | | | | | | |
| | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM (inches) | | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | | CASING CONNECTION TYPE | | CASING INSIDE DIAM. (inches) | | CASING WALL THICKNESS (inches) | | SLOT SIZE (inches) | |
| | 0 40 | | 20 | | A 53 Grade B | | Welded | | 15.5 | | .250 | | | |
| | +2 756 | | 14 3/4 | | A 53 Grade B | | Threaded | | 10.02 | | .365 | | | |
| | 744 1125 | | 14 3/4 9 7/8 | | A 53 Grade B | | Welded | | 8 | | .322 | | .125 | |
| | | | | | | | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM. (inches) | | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | | | AMOUNT (cubic feet) | | METHOD OF PLACEMENT | | | | |
| | 0 40 | | 20 | | Neat Cement | | | 31 | | Pressure via Tremi | | | | |
| | 0 756 | | 14 3/4 | | Class C (Chief Services) | | | 545 Sks | | Chief Services | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

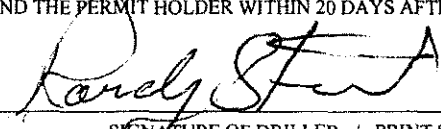
2014 DEC 26
STATE ENGINEER
NEW MEXICO

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | |
|------------------------|-----------------|-----------------------|
| FILE NUMBER CP 1411 | POD NUMBER 2 | TRN NUMBER 5546068 |
| LOCATION Exp1 | 215.33E. 34.21 | |

PAGE 1 OF 2

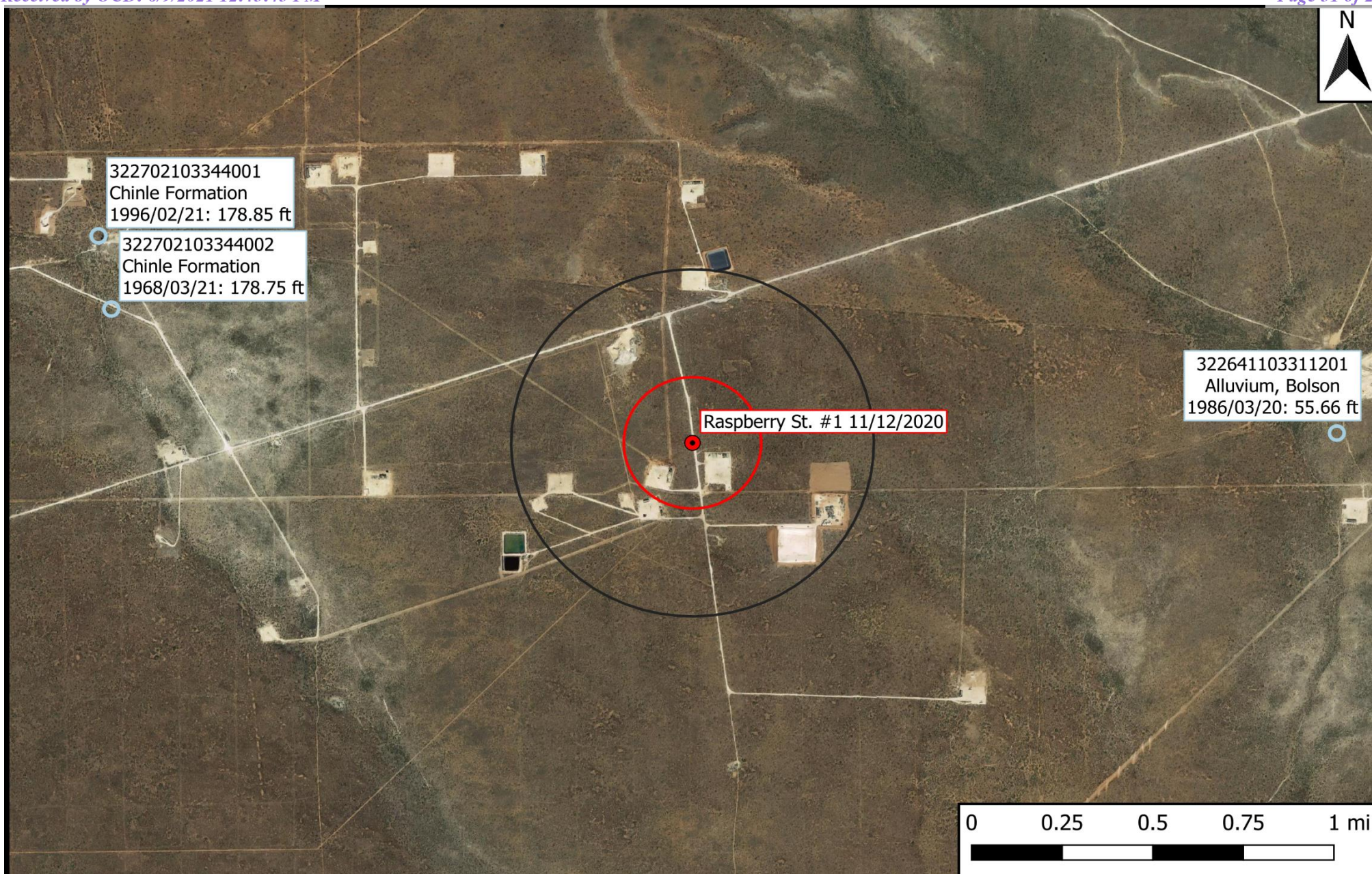
| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|--|--|---|---------------------|--|--|--|
| | FROM | TO | | | | |
| | 0 | 40 | 40 | Brown Fine Sand and Clavs, some caliche | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 40 | 100 | 60 | Reddish Brown clavs and Sands | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 100 | 200 | 100 | Clavs and Sands | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 200 | 300 | 100 | Red and Brown clay with some sand | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 300 | 400 | 100 | Red Clay | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 400 | 500 | 100 | Clay and Sand | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 500 | 700 | 200 | Reddish and gray clay | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 700 | 765 | 65 | Red Clay and harder sands and gravels | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 765 | 770 | 5 | Fine sand | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 770 | 810 | 40 | Grav Shale | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 810 | 820 | 10 | Grav Brown Sandstone | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 820 | 830 | 10 | Grav and Brown SS | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 830 | 840 | 10 | Grav Brown SS | <input type="radio"/> Y <input checked="" type="radio"/> N | |
| | 840 | 1125 | 285 | Santa Rosa Sand | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="radio"/> PUMP | | | | | TOTAL ESTIMATED WELL YIELD (gpm): 50 | |
| <input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY: | | | | | | |
| 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. | | | | |
| | MISCELLANEOUS INFORMATION: | | | | | |
| | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Danny White, Don Ward, Davis Gaddy | | | | | |
| 6. SIGNATURE | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:  <u>Randy Stewart</u> <u>10/30/14</u> SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE | | | | | |

 STATE ENGINEER
 ROSWELL, NEW MEXICO
 2014 DEC 26
 9

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WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | | | | |
|-------------|---------|---------------|---|------------|-------------|
| FILE NUMBER | CP-1411 | POD NUMBER | 2 | TRN NUMBER | 354668 |
| LOCATION | Exp | 215.33E.34.21 | | | PAGE 2 OF 2 |



Legend

- Site Location
- Well - USGS
- 1,000-Ft Radius
- 0.5-Mi Radius

Figure 5

USGS Well Proximity Map
COG Operating, LLC
Raspberry St. #1 11/12/2020
GPS: 32.44479, -103.55091
Lea County



Drafted: bja

Checked: jwl

Date: 5/3/21



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USGS Water Resources

Data Category: Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322641103311201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322641103311201 21S.33E.25.42322

Lea County, New Mexico

Latitude 32°26'41", Longitude 103°31'12" NAD27

Land-surface elevation 3,660 feet above NAVD88

The depth of the well is 68 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) 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 |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water-level approval status |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1968-03-28 | | | D | 72019 | 56.53 | | | 1 | Z | | A |
| 1971-02-04 | | | D | 72019 | 58.95 | | | 1 | Z | | A |
| 1972-09-22 | | | D | 72019 | 56.53 | | | 1 | Z | | A |
| 1976-12-16 | | | D | 72019 | 57.58 | | | 1 | Z | | A |
| 1981-03-10 | | | D | 72019 | 56.03 | | | 1 | Z | | A |
| 1986-03-20 | | | D | 72019 | 55.66 | | | 1 | Z | | A |

| 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 | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2021-05-07 16:50:37 EDT

0.38 0.29 nadww01





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Data Category: Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322702103344001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322702103344001 21S.33E.28.12443

Lea County, New Mexico

Latitude 32°27'13", Longitude 103°34'42" NAD27

Land-surface elevation 3,688.00 feet above NGVD29

The depth of the well is 224 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water-level approval status |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1971-02-04 | | | D | 72019 | 178.62 | | | 1 | Z | | A |
| 1972-09-22 | | | D | 72019 | 178.60 | | | 1 | Z | | A |
| 1976-12-16 | | | D | 72019 | 178.86 | | | 1 | Z | | A |
| 1981-03-10 | | | D | 72019 | 184.67 | | | 1 | Z | | A |
| 1986-03-20 | | | D | 72019 | 179.24 | | | 1 | Z | | A |
| 1991-04-19 | | | D | 72019 | 179.10 | | | 1 | Z | | A |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water-level approval status |
|------------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|-------------|----------------------------|-----------------------|----------------------------|----------------------------------|
| 1996-02-21 | | | 72019 | 178.85 | | | 1 | S | | | A |

| 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 | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2021-05-11 13:55:44 EDT

0.28 0.24 nadww02





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USGS Water Resources

Data Category: Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322702103344002

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322702103344002 21S.33E.28.12443A

Lea County, New Mexico

Latitude 32°27'02", Longitude 103°34'40" NAD27

Land-surface elevation 3,680 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water-level approval status |
|---|----------------------|---|--------------------------------|---|---|---------------------------------|--------------------------------|--------------------------------|--------------------------|-------------------------------|--|
| <input type="text" value="1968-03-21"/> | <input type="text"/> | <input type="text"/> | <input type="text" value="D"/> | <input type="text" value="72019"/> | <input type="text" value="178.75"/> | <input type="text"/> | <input type="text" value="1"/> | <input type="text" value="Z"/> | <input type="text"/> | <input type="text"/> | <input type="text" value="A"/> |

| 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 | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2021-05-11 13:57:17 EDT

0.33 0.26 nadww01



Appendix B

Photographic Log

Photographic Log

| | |
|---|--|
| Photo Number: 1 |  <div>November 12, 2020 32.443535, -103.550685 N</div> |
| Photo Direction: North | |
| Photo Description: View of the affected area. | |

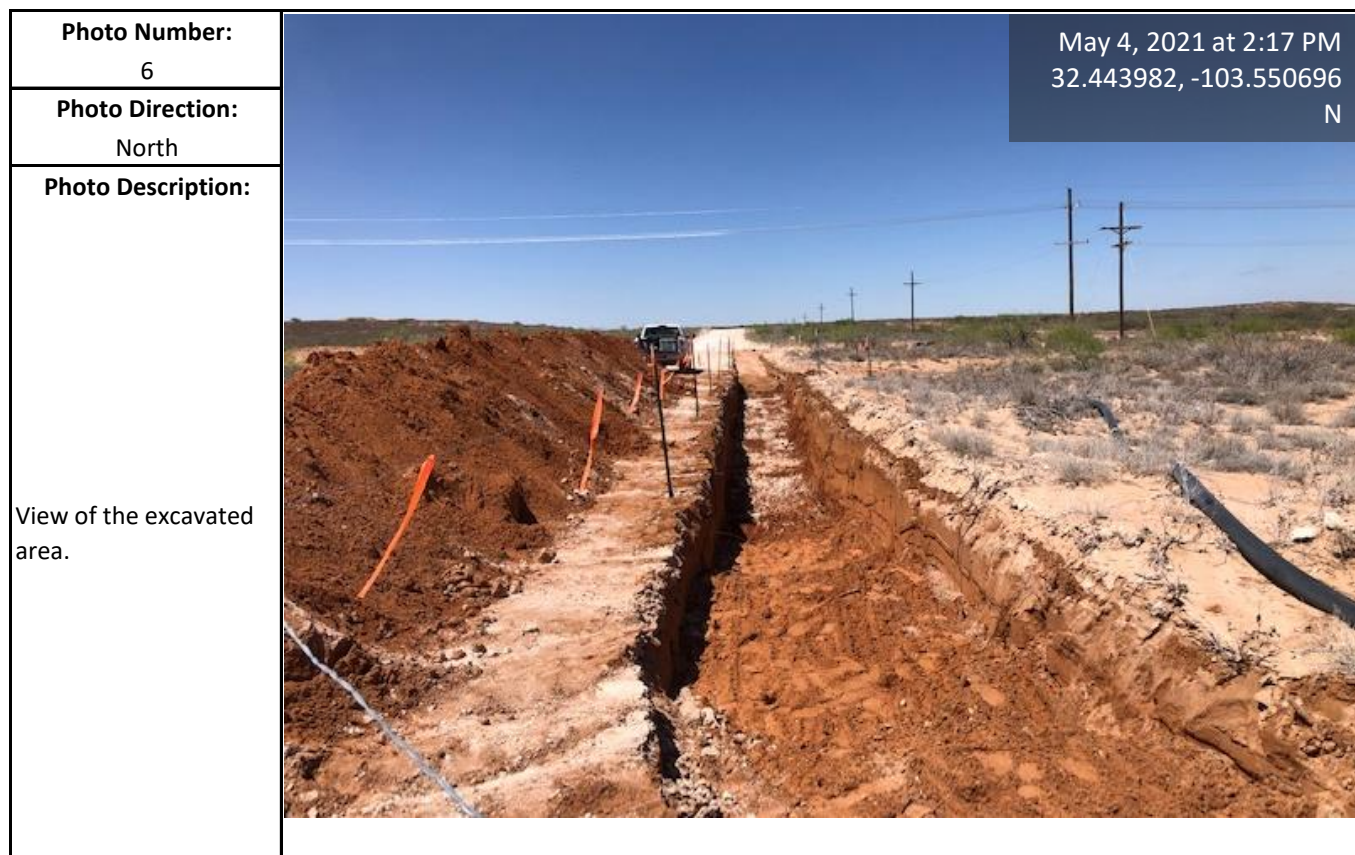
| | |
|---|--|
| Photo Number: 2 |  <div>November 12, 2020 32.444012, -103.550695 E</div> |
| Photo Direction: East | |
| Photo Description: View of the affected area. | |

Photographic Log

| | |
|---|---|
| Photo Number: 3 |  <div>January 5, 2021 at 9:03 AM 32.444780, -103.550914 W</div> |
| Photo Direction: West | |
| Photo Description: View of the affected area. | |

| | |
|---|--|
| Photo Number: 4 |  <div>January 5, 2021 at 9:10 AM 32.443815, -103.549962 NW</div> |
| Photo Direction: Northwest | |
| Photo Description: View of the affected area. | |

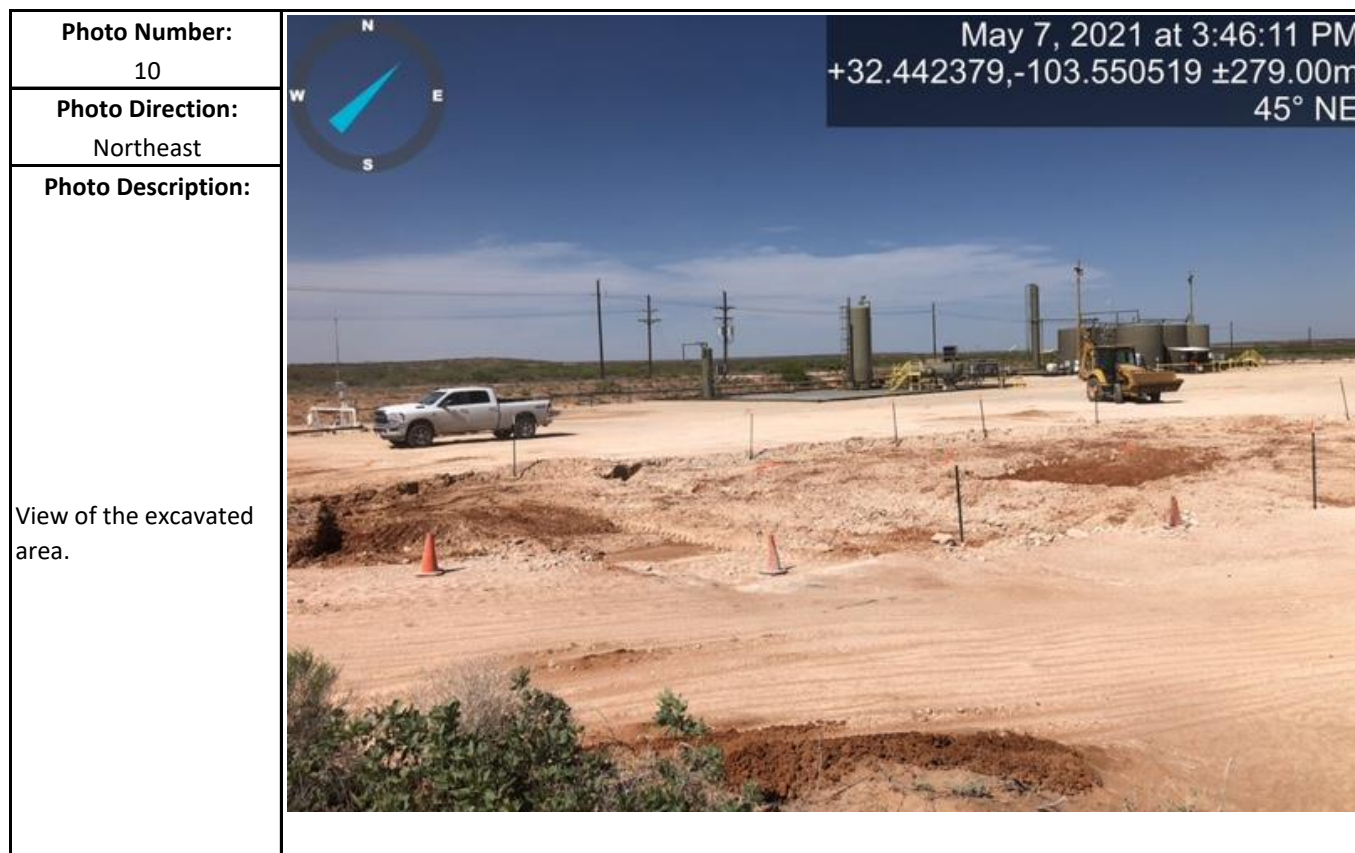
Photographic Log



Photographic Log





Photographic Log

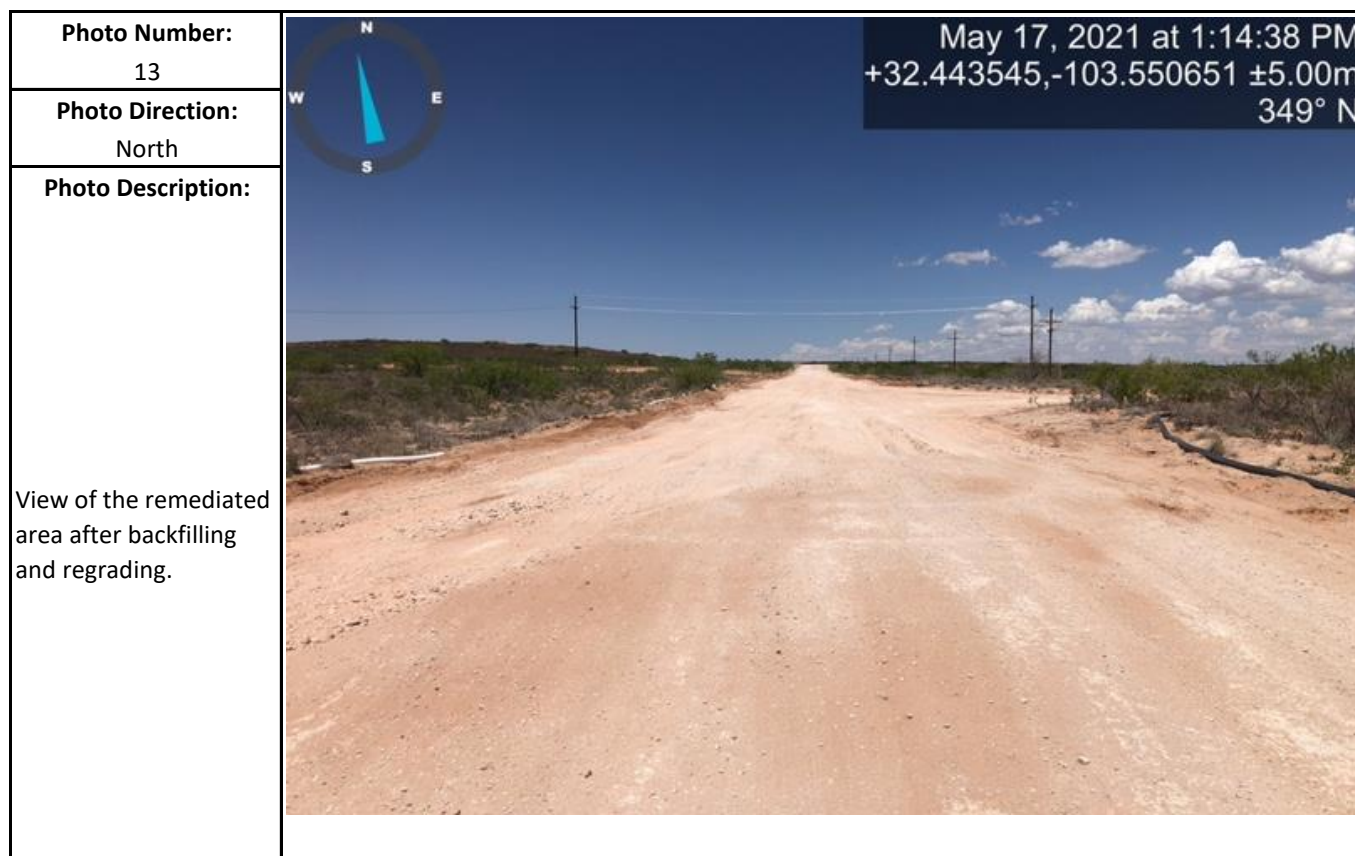


Photographic Log



| | |
|---|---|
| Photo Number: 11 |   <div>May 17, 2021 at 1:12:22 PM +32.443757,-103.550774 ±100.00m 206° SE</div> |
| Photo Direction: Southeast | |
| Photo Description: View of the remediated area after backfilling and regrading. | |



| | |
|---|---|
| Photo Number: 12 |   <div>May 17, 2021 at 1:12:25 PM +32.443757,-103.550774 ±100.00m 164° S</div> |
| Photo Direction: South | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

Photographic Log



Photographic Log

| | |
|---|---|
| Photo Number: 15 |  <div>May 17, 2021 at 1:14:54 PM +32.443616,-103.550747 ±5.00m 32° NE</div>  |
| Photo Direction: Northeast | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

| | |
|---|--|
| Photo Number: 16 |  <div>May 17, 2021 at 1:16:00 PM +32.443946,-103.550694 ±5.00m 98° E</div>  |
| Photo Direction: East | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

Photographic Log

| | |
|---|--|
| Photo Number: 17 |  |
| Photo Direction: East | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

| | |
|---|--|
| Photo Number: 18 |  |
| Photo Direction: West | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

Appendix C

Laboratory Analytical Reports

Certificate of Analysis Summary 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Raspberry

Project Id: 13619
Contact: PM
Project Location: Rural Lea County

Date Received in Lab: Wed 01.27.2021 11:50

Report Date: 02.02.2021 11:38

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 686001-001 | 686001-002 | 686001-003 | 686001-004 | 686001-005 | 686001-006 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | NH @ Surface | NH @ 1' | EH1 @ Surface | EH1 @ 1' | EH2 @ Surface | EH2 @ 1' |
| | <i>Depth:</i> | | 1- ft | | 1- ft | | 1- ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 |
| BTEX by EPA 8021B | <i>Extracted:</i> | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 |
| | <i>Analyzed:</i> | 01.29.2021 21:25 | 01.29.2021 21:46 | 01.29.2021 22:07 | 01.29.2021 22:27 | 01.29.2021 22:48 | 01.29.2021 23:09 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| Toluene | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| Ethylbenzene | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| m,p-Xylenes | | <0.00400 0.00400 | <0.00398 0.00398 | <0.00404 0.00404 | <0.00401 0.00401 | <0.00398 0.00398 | <0.00402 0.00402 |
| o-Xylene | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| Total Xylenes | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| Total BTEX | | <0.00200 0.00200 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00201 0.00201 |
| Chloride by EPA 300 | <i>Extracted:</i> | 01.28.2021 08:15 | 01.28.2021 08:15 | 01.28.2021 08:15 | 01.28.2021 08:15 | 01.28.2021 09:00 | 01.28.2021 09:00 |
| | <i>Analyzed:</i> | 01.28.2021 19:12 | 01.28.2021 19:18 | 01.28.2021 19:23 | 01.28.2021 19:28 | 01.28.2021 14:16 | 01.28.2021 14:32 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 28.0 5.04 | 14.3 4.98 | 456 4.96 | 180 5.02 | 140 5.05 | 93.4 4.96 |
| TPH by SW8015 Mod | <i>Extracted:</i> | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 |
| | <i>Analyzed:</i> | 01.30.2021 14:31 | 01.30.2021 15:34 | 01.30.2021 15:55 | 01.30.2021 16:17 | 01.30.2021 16:38 | 01.30.2021 16:59 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 |
| Diesel Range Organics (DRO) | | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 |
| Total TPH | | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Raspberry

Project Id: 13619
Contact: PM
Project Location: Rural Lea County

Date Received in Lab: Wed 01.27.2021 11:50
Report Date: 02.02.2021 11:38
Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 686001-007 | 686001-008 | 686001-009 | 686001-010 | 686001-011 | 686001-012 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SH1 @ Surface | SH1 @ 1' | SH2 @ Surface | SH2 @ 1' | WH @ Surface | WH @ 1' |
| | <i>Depth:</i> | | 1- ft | | 1- ft | | 1- ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 |
| BTEX by EPA 8021B | <i>Extracted:</i> | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 |
| | <i>Analyzed:</i> | 01.30.2021 00:34 | 01.30.2021 00:54 | 01.30.2021 01:15 | 01.30.2021 01:36 | 01.30.2021 01:57 | 01.30.2021 02:17 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| Toluene | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| Ethylbenzene | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| m,p-Xylenes | | <0.00404 0.00404 | <0.00401 0.00401 | <0.00398 0.00398 | <0.00399 0.00399 | <0.00396 0.00396 | <0.00398 0.00398 |
| o-Xylene | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| Total Xylenes | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| Total BTEX | | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00199 0.00199 |
| Chloride by EPA 300 | <i>Extracted:</i> | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 |
| | <i>Analyzed:</i> | 01.28.2021 14:37 | 01.28.2021 14:42 | 01.28.2021 14:47 | 01.28.2021 15:03 | 01.28.2021 15:08 | 01.28.2021 15:13 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 187 4.99 | 71.3 4.95 | 249 5.04 | 120 4.99 | 20.2 4.97 | 7.18 5.04 |
| TPH by SW8015 Mod | <i>Extracted:</i> | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 |
| | <i>Analyzed:</i> | 01.30.2021 17:20 | 01.30.2021 17:41 | 01.30.2021 18:02 | 01.30.2021 18:23 | 01.30.2021 19:05 | 01.30.2021 19:27 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <49.9 49.9 | <49.8 49.8 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <49.8 49.8 |
| Diesel Range Organics (DRO) | | <49.9 49.9 | <49.8 49.8 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <49.8 49.8 |
| Motor Oil Range Hydrocarbons (MRO) | | <49.9 49.9 | <49.8 49.8 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <49.8 49.8 |
| Total TPH | | <49.9 49.9 | <49.8 49.8 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <49.8 49.8 |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Raspberry

Project Id: 13619
Contact: PM
Project Location: Rural Lea County

Date Received in Lab: Wed 01.27.2021 11:50

Report Date: 02.02.2021 11:38

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 686001-013 | 686001-014 | 686001-015 | 686001-016 | 686001-017 | 686001-018 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP1 @ Surface | SP1 @ 3' | SP2 @ Surface | SP2 @ 1' | SP3 @ Surface | SP3 @ 1' |
| | <i>Depth:</i> | | 3- ft | | 1- ft | | 1- ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 |
| BTEX by EPA 8021B | <i>Extracted:</i> | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 13:45 | 01.29.2021 17:00 | 01.29.2021 17:00 |
| | <i>Analyzed:</i> | 01.30.2021 02:38 | 01.30.2021 02:59 | 01.30.2021 03:20 | 01.30.2021 03:40 | 01.30.2021 07:06 | 01.30.2021 07:26 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| Toluene | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| Ethylbenzene | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| m,p-Xylenes | | <0.00404 0.00404 | <0.00403 0.00403 | <0.00399 0.00399 | <0.00398 0.00398 | <0.00398 0.00398 | <0.00399 0.00399 |
| o-Xylene | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| Total Xylenes | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| Total BTEX | | <0.00202 0.00202 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00199 0.00199 | <0.00199 0.00199 | <0.00200 0.00200 |
| Chloride by EPA 300 | <i>Extracted:</i> | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 |
| | <i>Analyzed:</i> | 01.28.2021 15:18 | 01.28.2021 15:24 | 01.28.2021 15:29 | 01.28.2021 15:44 | 01.28.2021 15:50 | 01.28.2021 16:05 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 963 4.98 | 639 4.96 | 510 4.96 | 153 5.00 | 624 4.99 | 179 5.05 |
| TPH by SW8015 Mod | <i>Extracted:</i> | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 |
| | <i>Analyzed:</i> | 01.30.2021 19:48 | 01.30.2021 20:10 | 01.30.2021 20:31 | 01.30.2021 20:53 | 01.30.2021 21:14 | 01.30.2021 21:36 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 |
| Diesel Range Organics (DRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 |
| Total TPH | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 |

BRL - Below Reporting Limit

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Certificate of Analysis Summary 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Raspberry

Project Id: 13619
Contact: PM
Project Location: Rural Lea County

Date Received in Lab: Wed 01.27.2021 11:50
Report Date: 02.02.2021 11:38
Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 686001-019 | 686001-020 | 686001-021 | 686001-022 | 686001-023 | 686001-024 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP4 @ Surface | SP4 @ 1' | SP5 @ Surface | SP5 @ 1' | SP6 @ Surface | SP6 @ 2' |
| | <i>Depth:</i> | | 1- ft | | 1- ft | | 2- ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 | 01.25.2021 00:00 |
| BTEX by EPA 8021B | <i>Extracted:</i> | 01.29.2021 17:00 | 01.29.2021 17:00 | 01.29.2021 17:00 | 01.29.2021 17:00 | 01.29.2021 17:00 | 01.29.2021 17:00 |
| | <i>Analyzed:</i> | 01.30.2021 07:47 | 01.30.2021 08:08 | 01.30.2021 08:29 | 01.30.2021 08:49 | 01.30.2021 09:10 | 01.30.2021 09:31 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| Toluene | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| Ethylbenzene | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| m,p-Xylenes | | <0.00404 0.00404 | <0.00398 0.00398 | <0.00403 0.00403 | <0.00399 0.00399 | <0.00397 0.00397 | <0.00397 0.00397 |
| o-Xylene | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| Total Xylenes | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| Total BTEX | | <0.00202 0.00202 | <0.00199 0.00199 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00198 0.00198 | <0.00198 0.00198 |
| Chloride by EPA 300 | <i>Extracted:</i> | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 | 01.28.2021 09:00 |
| | <i>Analyzed:</i> | 01.28.2021 16:10 | 01.28.2021 16:15 | 01.28.2021 16:21 | 01.28.2021 16:26 | 01.28.2021 16:31 | 01.28.2021 16:36 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 664 4.98 | 120 5.00 | 929 5.00 | 339 5.00 | 639 5.02 | 203 4.97 |
| TPH by SW8015 Mod | <i>Extracted:</i> | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 | 01.30.2021 10:00 |
| | <i>Analyzed:</i> | 01.30.2021 21:58 | 01.30.2021 22:20 | 01.30.2021 21:14 | 01.30.2021 21:36 | 01.30.2021 21:58 | 01.30.2021 22:20 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <49.8 49.8 | <49.9 49.9 | <49.9 49.9 |
| Diesel Range Organics (DRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <49.8 49.8 | <49.9 49.9 | <49.9 49.9 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <49.8 49.8 | <49.9 49.9 | <49.9 49.9 |
| Total TPH | | <50.0 50.0 | <49.9 49.9 | <50.0 50.0 | <49.8 49.8 | <49.9 49.9 | <49.9 49.9 |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Raspberry

Project Id: 13619
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Project Location: Rural Lea County

Date Received in Lab: Wed 01.27.2021 11:50
Report Date: 02.02.2021 11:38
Project Manager: Jessica Kramer

| | | | | | | |
|------------------------------------|---|--|--|--|--|--|
| Analysis Requested | Lab Id: 686001-025 Field Id: SP7 @ Surface Depth: 1- ft Matrix: SOIL Sampled: 01.25.2021 00:00 | Lab Id: 686001-026 Field Id: SP7 @ 1' Depth: 1- ft Matrix: SOIL Sampled: 01.25.2021 00:00 | | | | |
| BTEX by EPA 8021B | Extracted: 01.29.2021 17:00 Analyzed: 01.30.2021 09:51 Units/RL: mg/kg RL | Extracted: 01.29.2021 17:00 Analyzed: 01.30.2021 10:12 Units/RL: mg/kg RL | | | | |
| Benzene | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| Toluene | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| Ethylbenzene | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| m,p-Xylenes | <0.00402 0.00402 | <0.00404 0.00404 | | | | |
| o-Xylene | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| Total Xylenes | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| Total BTEX | <0.00201 0.00201 | <0.00202 0.00202 | | | | |
| Chloride by EPA 300 | Extracted: 01.28.2021 15:10 Analyzed: 01.29.2021 08:46 Units/RL: mg/kg RL | Extracted: 01.28.2021 15:10 Analyzed: 01.29.2021 08:51 Units/RL: mg/kg RL | | | | |
| Chloride | 1010 4.97 | 150 4.95 | | | | |
| TPH by SW8015 Mod | Extracted: 01.30.2021 12:00 Analyzed: 01.30.2021 21:12 Units/RL: mg/kg RL | Extracted: 01.31.2021 10:00 Analyzed: 01.31.2021 17:45 Units/RL: mg/kg RL | | | | |
| Gasoline Range Hydrocarbons (GRO) | <49.9 49.9 | <49.9 49.9 | | | | |
| Diesel Range Organics (DRO) | <49.9 49.9 | <49.9 49.9 | | | | |
| Motor Oil Range Hydrocarbons (MRO) | <49.9 49.9 | <49.9 49.9 | | | | |
| Total TPH | <49.9 49.9 | <49.9 49.9 | | | | |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Analytical Report 686001

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Raspberry

13619

02.02.2021

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



02.02.2021

Project Manager: **PM**

Etech Environmental & Safety Solution, Inc

P.O. Box 62228

Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **686001**

Raspberry

Project Address: Rural Lea County

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 686001. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 686001 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads "Jessica Kramer".

Jessica Kramer

Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Sample Cross Reference 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Raspberry

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|---------------|--------|------------------|--------------|---------------|
| NH @ Surface | S | 01.25.2021 00:00 | | 686001-001 |
| NH @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-002 |
| EH1 @ Surface | S | 01.25.2021 00:00 | | 686001-003 |
| EH1 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-004 |
| EH2 @ Surface | S | 01.25.2021 00:00 | | 686001-005 |
| EH2 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-006 |
| SH1 @ Surface | S | 01.25.2021 00:00 | | 686001-007 |
| SH1 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-008 |
| SH2 @ Surface | S | 01.25.2021 00:00 | | 686001-009 |
| SH2 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-010 |
| WH @ Surface | S | 01.25.2021 00:00 | | 686001-011 |
| WH @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-012 |
| SP1 @ Surface | S | 01.25.2021 00:00 | | 686001-013 |
| SP1 @ 3' | S | 01.25.2021 00:00 | 3 ft | 686001-014 |
| SP2 @ Surface | S | 01.25.2021 00:00 | | 686001-015 |
| SP2 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-016 |
| SP3 @ Surface | S | 01.25.2021 00:00 | | 686001-017 |
| SP3 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-018 |
| SP4 @ Surface | S | 01.25.2021 00:00 | | 686001-019 |
| SP4 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-020 |
| SP5 @ Surface | S | 01.25.2021 00:00 | | 686001-021 |
| SP5 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-022 |
| SP6 @ Surface | S | 01.25.2021 00:00 | | 686001-023 |
| SP6 @ 2' | S | 01.25.2021 00:00 | 2 ft | 686001-024 |
| SP7 @ Surface | S | 01.25.2021 00:00 | | 686001-025 |
| SP7 @ 1' | S | 01.25.2021 00:00 | 1 ft | 686001-026 |

**CASE NARRATIVE****Client Name: Etech Environmental & Safety Solution, Inc****Project Name: Raspberry**Project ID: 13619
Work Order Number(s): 686001Report Date: 02.02.2021
Date Received: 01.27.2021**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3149451 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Samples affected are: 7720379-1-BLK, 686001-016.

Batch: LBA-3149452 BTEX by EPA 8021B

Lab Sample ID 686001-017 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 686001-017, -018, -019, -020, -021, -022, -023, -024, -025, -026.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 686001-017, -018, -019, -020, -021, -022, -023, -024, -025, -026

Batch: LBA-3149591 TPH by SW8015 Mod

Surrogate 1-Chlorooctane recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 686001-008.

Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7720482-1-BLK.

Batch: LBA-3149595 TPH by SW8015 Mod

Surrogate 1-Chlorooctane recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 686001-021, 686001-024.

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 686001-022.



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **NH @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-001 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 08:15 % Moisture:
 Seq Number: 3149314 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 28.0 | 5.04 | mg/kg | 01.28.2021 19:12 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 14:31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 14:31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 14:31 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 14:31 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 79 | % | 70-130 | 01.30.2021 14:31 | | |
| o-Terphenyl | 84-15-1 | 113 | % | 70-130 | 01.30.2021 14:31 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **NH @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-001

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 01.29.2021 21:25 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.29.2021 21:25 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 111 | % | 70-130 | 01.29.2021 21:25 | | |
| 4-Bromofluorobenzene | 460-00-4 | 106 | % | 70-130 | 01.29.2021 21:25 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **NH @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-002 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 08:15 % Moisture:
 Seq Number: 3149314 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 14.3 | 4.98 | mg/kg | 01.28.2021 19:18 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 15:34 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 15:34 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 15:34 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 15:34 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 77 | % | 70-130 | 01.30.2021 15:34 | | |
| o-Terphenyl | 84-15-1 | 114 | % | 70-130 | 01.30.2021 15:34 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **NH @ 1'** Matrix: **Soil** Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-002 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: **KTL**
 Analyst: **KTL** Date Prep: 01.29.2021 13:45 % Moisture:
 Seq Number: 3149451 Basis: **Wet Weight**

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.29.2021 21:46 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.29.2021 21:46 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 01.29.2021 21:46 | | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 70-130 | 01.29.2021 21:46 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH1 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-003 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 08:15 % Moisture:
 Seq Number: 3149314 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 456 | 4.96 | mg/kg | 01.28.2021 19:23 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 15:55 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 15:55 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 15:55 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 15:55 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 80 | % | 70-130 | 01.30.2021 15:55 | | |
| o-Terphenyl | 84-15-1 | 115 | % | 70-130 | 01.30.2021 15:55 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH1 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-003

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 01.29.2021 22:07 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.29.2021 22:07 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 110 | % | 70-130 | 01.29.2021 22:07 | | |
| 4-Bromofluorobenzene | 460-00-4 | 106 | % | 70-130 | 01.29.2021 22:07 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH1 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-004 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 08:15 % Moisture:
 Seq Number: 3149314 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 180 | 5.02 | mg/kg | 01.28.2021 19:28 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:17 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 16:17 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:17 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:17 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 71 | % | 70-130 | 01.30.2021 16:17 | | |
| o-Terphenyl | 84-15-1 | 98 | % | 70-130 | 01.30.2021 16:17 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH1 @ 1'**
Lab Sample Id: 686001-004

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 01.29.2021 22:27 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.29.2021 22:27 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 111 | % | 70-130 | 01.29.2021 22:27 | | |
| 4-Bromofluorobenzene | 460-00-4 | 108 | % | 70-130 | 01.29.2021 22:27 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH2 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-005 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 140 | 5.05 | mg/kg | 01.28.2021 14:16 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:38 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 16:38 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:38 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 16:38 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 74 | % | 70-130 | 01.30.2021 16:38 | | |
| o-Terphenyl | 84-15-1 | 109 | % | 70-130 | 01.30.2021 16:38 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH2 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-005

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.29.2021 22:48 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.29.2021 22:48 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 101 | % | 70-130 | 01.29.2021 22:48 | | |
| 1,4-Difluorobenzene | 540-36-3 | 107 | % | 70-130 | 01.29.2021 22:48 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH2 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-006 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 93.4 | 4.96 | mg/kg | 01.28.2021 14:32 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 16:59 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 16:59 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 16:59 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 16:59 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 78 | % | 70-130 | 01.30.2021 16:59 | | |
| o-Terphenyl | 84-15-1 | 113 | % | 70-130 | 01.30.2021 16:59 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **EH2 @ 1'**
Lab Sample Id: 686001-006

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 01.29.2021 23:09 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 01.29.2021 23:09 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 70-130 | 01.29.2021 23:09 | | |
| 1,4-Difluorobenzene | 540-36-3 | 108 | % | 70-130 | 01.29.2021 23:09 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH1 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-007 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 187 | 4.99 | mg/kg | 01.28.2021 14:37 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 17:20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 17:20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 17:20 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 17:20 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 77 | % | 70-130 | 01.30.2021 17:20 | | |
| o-Terphenyl | 84-15-1 | 109 | % | 70-130 | 01.30.2021 17:20 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH1 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-007

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 01.30.2021 00:34 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 00:34 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 118 | % | 70-130 | 01.30.2021 00:34 | | |
| 4-Bromofluorobenzene | 460-00-4 | 112 | % | 70-130 | 01.30.2021 00:34 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH1 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-008 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 71.3 | 4.95 | mg/kg | 01.28.2021 14:42 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.8 | 49.8 | mg/kg | 01.30.2021 17:41 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.8 | 49.8 | mg/kg | 01.30.2021 17:41 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.8 | 49.8 | mg/kg | 01.30.2021 17:41 | U | 1 |
| Total TPH | PHC635 | <49.8 | 49.8 | mg/kg | 01.30.2021 17:41 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 69 | % | 70-130 | 01.30.2021 17:41 | ** | |
| o-Terphenyl | 84-15-1 | 101 | % | 70-130 | 01.30.2021 17:41 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH1 @ 1'**
Lab Sample Id: 686001-008

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 01.30.2021 00:54 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.30.2021 00:54 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 01.30.2021 00:54 | | |
| 4-Bromofluorobenzene | 460-00-4 | 107 | % | 70-130 | 01.30.2021 00:54 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH2 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-009 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 249 | 5.04 | mg/kg | 01.28.2021 14:47 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:02 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 18:02 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:02 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:02 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 79 | % | 70-130 | 01.30.2021 18:02 | | |
| o-Terphenyl | 84-15-1 | 119 | % | 70-130 | 01.30.2021 18:02 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH2 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-009

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.30.2021 01:15 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.30.2021 01:15 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 118 | % | 70-130 | 01.30.2021 01:15 | | |
| 1,4-Difluorobenzene | 540-36-3 | 120 | % | 70-130 | 01.30.2021 01:15 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH2 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-010 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 120 | 4.99 | mg/kg | 01.28.2021 15:03 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:23 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 18:23 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:23 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 18:23 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 78 | % | 70-130 | 01.30.2021 18:23 | | |
| o-Terphenyl | 84-15-1 | 118 | % | 70-130 | 01.30.2021 18:23 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SH2 @ 1'**
Lab Sample Id: 686001-010

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 01.30.2021 01:36 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.30.2021 01:36 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 110 | % | 70-130 | 01.30.2021 01:36 | | |
| 4-Bromofluorobenzene | 460-00-4 | 107 | % | 70-130 | 01.30.2021 01:36 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **WH @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-011 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 20.2 | 4.97 | mg/kg | 01.28.2021 15:08 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 19:05 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 19:05 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 19:05 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 19:05 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 75 | % | 70-130 | 01.30.2021 19:05 | | |
| o-Terphenyl | 84-15-1 | 111 | % | 70-130 | 01.30.2021 19:05 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **WH @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-011

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00396 | 0.00396 | mg/kg | 01.30.2021 01:57 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 01.30.2021 01:57 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 112 | % | 70-130 | 01.30.2021 01:57 | | |
| 1,4-Difluorobenzene | 540-36-3 | 111 | % | 70-130 | 01.30.2021 01:57 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **WH @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-012 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 7.18 | 5.04 | mg/kg | 01.28.2021 15:13 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.8 | 49.8 | mg/kg | 01.30.2021 19:27 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.8 | 49.8 | mg/kg | 01.30.2021 19:27 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.8 | 49.8 | mg/kg | 01.30.2021 19:27 | U | 1 |
| Total TPH | PHC635 | <49.8 | 49.8 | mg/kg | 01.30.2021 19:27 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 78 | % | 70-130 | 01.30.2021 19:27 | | |
| o-Terphenyl | 84-15-1 | 122 | % | 70-130 | 01.30.2021 19:27 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **WH @ 1'**
Lab Sample Id: 686001-012

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.30.2021 02:17 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.30.2021 02:17 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 01.30.2021 02:17 | |
| 4-Bromofluorobenzene | 460-00-4 | 112 | % | 70-130 | 01.30.2021 02:17 | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP1 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-013 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 963 | 4.98 | mg/kg | 01.28.2021 15:18 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 19:48 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 19:48 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 19:48 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 19:48 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 76 | % | 70-130 | 01.30.2021 19:48 | | |
| o-Terphenyl | 84-15-1 | 113 | % | 70-130 | 01.30.2021 19:48 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP1 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-013

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 01.30.2021 02:38 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:38 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 115 | % | 70-130 | 01.30.2021 02:38 | | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 01.30.2021 02:38 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP1 @ 3'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-014 Date Collected: 01.25.2021 00:00 Sample Depth: 3 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 639 | 4.96 | mg/kg | 01.28.2021 15:24 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 20:10 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 20:10 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 20:10 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 20:10 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 82 | % | 70-130 | 01.30.2021 20:10 | | |
| o-Terphenyl | 84-15-1 | 119 | % | 70-130 | 01.30.2021 20:10 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX

Raspberry

Sample Id: **SP1 @ 3'**
Lab Sample Id: 686001-014

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 3 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 01.30.2021 02:59 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 02:59 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 105 | % | 70-130 | 01.30.2021 02:59 | |
| 4-Bromofluorobenzene | 460-00-4 | 129 | % | 70-130 | 01.30.2021 02:59 | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP2 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-015 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 510 | 4.96 | mg/kg | 01.28.2021 15:29 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 20:31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:31 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:31 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 73 | % | 70-130 | 01.30.2021 20:31 | | |
| o-Terphenyl | 84-15-1 | 110 | % | 70-130 | 01.30.2021 20:31 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP2 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-015

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:

Seq Number: 3149451

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 01.30.2021 03:20 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.30.2021 03:20 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 111 | % | 70-130 | 01.30.2021 03:20 | | |
| 1,4-Difluorobenzene | 540-36-3 | 117 | % | 70-130 | 01.30.2021 03:20 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP2 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-016 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 153 | 5.00 | mg/kg | 01.28.2021 15:44 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:53 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 20:53 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:53 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 20:53 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 76 | % | 70-130 | 01.30.2021 20:53 | | |
| o-Terphenyl | 84-15-1 | 111 | % | 70-130 | 01.30.2021 20:53 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP2 @ 1'**
Lab Sample Id: 686001-016

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 13:45

% Moisture:
Basis: Wet Weight

Seq Number: 3149451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.30.2021 03:40 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.30.2021 03:40 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 98 | % | 70-130 | 01.30.2021 03:40 | |
| 4-Bromofluorobenzene | 460-00-4 | 147 | % | 70-130 | 01.30.2021 03:40 | ** |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP3 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-017 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 624 | 4.99 | mg/kg | 01.28.2021 15:50 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 80 | % | 70-130 | 01.30.2021 21:14 | | |
| o-Terphenyl | 84-15-1 | 113 | % | 70-130 | 01.30.2021 21:14 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP3 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-017

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:

Seq Number: 3149452

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | UXF | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | UXF | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | UXF | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.30.2021 07:06 | UXF | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | UXF | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.30.2021 07:06 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 91 | % | 70-130 | 01.30.2021 07:06 | | |
| 4-Bromofluorobenzene | 460-00-4 | 121 | % | 70-130 | 01.30.2021 07:06 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP3 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-018 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 179 | 5.05 | mg/kg | 01.28.2021 16:05 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 75 | % | 70-130 | 01.30.2021 21:36 | | |
| o-Terphenyl | 84-15-1 | 93 | % | 70-130 | 01.30.2021 21:36 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP3 @ 1'**
Lab Sample Id: 686001-018

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 01.30.2021 07:26 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.30.2021 07:26 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 123 | % | 70-130 | 01.30.2021 07:26 | | |
| 1,4-Difluorobenzene | 540-36-3 | 108 | % | 70-130 | 01.30.2021 07:26 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP4 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-019 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|------------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 664 | 4.98 | mg/kg | 01.28.2021 16:10 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 74 | % | 70-130 | 01.30.2021 21:58 | | |
| o-Terphenyl | 84-15-1 | 106 | % | 70-130 | 01.30.2021 21:58 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP4 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-019

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 01.30.2021 07:47 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 07:47 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 113 | % | 70-130 | 01.30.2021 07:47 | | |
| 1,4-Difluorobenzene | 540-36-3 | 114 | % | 70-130 | 01.30.2021 07:47 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP4 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-020 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 120 | 5.00 | mg/kg | 01.28.2021 16:15 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149591 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 91 | % | 70-130 | 01.30.2021 22:20 | | |
| o-Terphenyl | 84-15-1 | 123 | % | 70-130 | 01.30.2021 22:20 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP4 @ 1'**
Lab Sample Id: 686001-020

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 01.30.2021 08:08 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 01.30.2021 08:08 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 4-Bromofluorobenzene | 460-00-4 | 114 | % | 70-130 | 01.30.2021 08:08 | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 01.30.2021 08:08 | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP5 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-021 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 929 | 5.00 | mg/kg | 01.28.2021 16:21 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149595 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | mg/kg | 01.30.2021 21:14 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 69 | % | 70-130 | 01.30.2021 21:14 | ** | |
| o-Terphenyl | 84-15-1 | 80 | % | 70-130 | 01.30.2021 21:14 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP5 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-021

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 01.30.2021 08:29 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 08:29 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 114 | % | 70-130 | 01.30.2021 08:29 | | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 01.30.2021 08:29 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP5 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-022 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 339 | 5.00 | mg/kg | 01.28.2021 16:26 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149595 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.8 | 49.8 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.8 | 49.8 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.8 | 49.8 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Total TPH | PHC635 | <49.8 | 49.8 | mg/kg | 01.30.2021 21:36 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 118 | % | 70-130 | 01.30.2021 21:36 | | |
| o-Terphenyl | 84-15-1 | 132 | % | 70-130 | 01.30.2021 21:36 | ** | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP5 @ 1'**
Lab Sample Id: 686001-022

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 01.30.2021 08:49 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 01.30.2021 08:49 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 114 | % | 70-130 | 01.30.2021 08:49 | |
| 4-Bromofluorobenzene | 460-00-4 | 112 | % | 70-130 | 01.30.2021 08:49 | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP6 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-023 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 639 | 5.02 | mg/kg | 01.28.2021 16:31 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149595 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:58 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 81 | % | 70-130 | 01.30.2021 21:58 | | |
| o-Terphenyl | 84-15-1 | 98 | % | 70-130 | 01.30.2021 21:58 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP6 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-023

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 01.30.2021 09:10 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:10 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 107 | % | 70-130 | 01.30.2021 09:10 | | |
| 1,4-Difluorobenzene | 540-36-3 | 116 | % | 70-130 | 01.30.2021 09:10 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP6 @ 2'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-024 Date Collected: 01.25.2021 00:00 Sample Depth: 2 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 09:00 % Moisture:
 Seq Number: 3149315 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 203 | 4.97 | mg/kg | 01.28.2021 16:36 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 10:00 % Moisture:
 Seq Number: 3149595 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 22:20 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 62 | % | 70-130 | 01.30.2021 22:20 | ** | |
| o-Terphenyl | 84-15-1 | 72 | % | 70-130 | 01.30.2021 22:20 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP6 @ 2'**
Lab Sample Id: 686001-024

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 2 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 01.30.2021 09:31 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 01.30.2021 09:31 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 111 | % | 70-130 | 01.30.2021 09:31 | |
| 4-Bromofluorobenzene | 460-00-4 | 112 | % | 70-130 | 01.30.2021 09:31 | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP7 @ Surface** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-025 Date Collected: 01.25.2021 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 15:10 % Moisture:
 Seq Number: 3149324 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 1010 | 4.97 | mg/kg | 01.29.2021 08:46 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.30.2021 12:00 % Moisture:
 Seq Number: 3149653 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:12 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.30.2021 21:12 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:12 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.30.2021 21:12 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 95 | % | 70-130 | 01.30.2021 21:12 | | |
| o-Terphenyl | 84-15-1 | 103 | % | 70-130 | 01.30.2021 21:12 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP7 @ Surface**

Matrix: Soil

Date Received: 01.27.2021 11:50

Lab Sample Id: 686001-025

Date Collected: 01.25.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 01.30.2021 09:51 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 01.30.2021 09:51 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 117 | % | 70-130 | 01.30.2021 09:51 | | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 01.30.2021 09:51 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP7 @ 1'** Matrix: Soil Date Received: 01.27.2021 11:50
 Lab Sample Id: 686001-026 Date Collected: 01.25.2021 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.28.2021 15:10 % Moisture:
 Seq Number: 3149324 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|------------------|------|-----|
| Chloride | 16887-00-6 | 150 | 4.95 | mg/kg | 01.29.2021 08:51 | | 1 |

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 01.31.2021 10:00 % Moisture:
 Seq Number: 3149619 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 01.31.2021 17:45 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.9 | 49.9 | mg/kg | 01.31.2021 17:45 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 01.31.2021 17:45 | U | 1 |
| Total TPH | PHC635 | <49.9 | 49.9 | mg/kg | 01.31.2021 17:45 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 79 | % | 70-130 | 01.31.2021 17:45 | | |
| o-Terphenyl | 84-15-1 | 86 | % | 70-130 | 01.31.2021 17:45 | | |



Certificate of Analytical Results 686001

Etech Environmental & Safety Solution, Inc, Midland, TX Raspberry

Sample Id: **SP7 @ 1'**
Lab Sample Id: 686001-026

Matrix: Soil
Date Collected: 01.25.2021 00:00

Date Received: 01.27.2021 11:50
Sample Depth: 1 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.29.2021 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3149452

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|----------|---------|-------|------------------|------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 01.30.2021 10:12 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 01.30.2021 10:12 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|------------|-------|--------|------------------|------|
| 1,4-Difluorobenzene | 540-36-3 | 114 | % | 70-130 | 01.30.2021 10:12 | |
| 4-Bromofluorobenzene | 460-00-4 | 110 | % | 70-130 | 01.30.2021 10:12 | |



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Etech Environmental & Safety Solution, Inc

Raspberry

Analytical Method: Chloride by EPA 300

Seq Number: 3149314

Matrix: Solid

Prep Method: E300P

Date Prep: 01.28.2021

MB Sample Id: 7720191-1-BLK

LCS Sample Id: 7720191-1-BKS

LCSD Sample Id: 7720191-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Chloride | <5.00 | 250 | 261 | 104 | 262 | 105 | 90-110 | 0 | 20 | mg/kg | 01.28.2021 16:54 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149315

Matrix: Solid

Prep Method: E300P

Date Prep: 01.28.2021

MB Sample Id: 7720192-1-BLK

LCS Sample Id: 7720192-1-BKS

LCSD Sample Id: 7720192-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Chloride | <5.00 | 250 | 252 | 101 | 251 | 100 | 90-110 | 0 | 20 | mg/kg | 01.28.2021 14:06 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149324

Matrix: Solid

Prep Method: E300P

Date Prep: 01.28.2021

MB Sample Id: 7720245-1-BLK

LCS Sample Id: 7720245-1-BKS

LCSD Sample Id: 7720245-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Chloride | <5.00 | 250 | 255 | 102 | 255 | 102 | 90-110 | 0 | 20 | mg/kg | 01.28.2021 16:57 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149314

Matrix: Soil

Prep Method: E300P

Date Prep: 01.28.2021

Parent Sample Id: 686168-007

MS Sample Id: 686168-007 S

MSD Sample Id: 686168-007 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 17.5 | 250 | 279 | 105 | 279 | 105 | 90-110 | 0 | 20 | mg/kg | 01.28.2021 17:10 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149314

Matrix: Soil

Prep Method: E300P

Date Prep: 01.28.2021

Parent Sample Id: 686172-007

MS Sample Id: 686172-007 S

MSD Sample Id: 686172-007 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 328 | 253 | 585 | 102 | 583 | 101 | 90-110 | 0 | 20 | mg/kg | 01.28.2021 18:24 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149315

Matrix: Soil

Prep Method: E300P

Date Prep: 01.28.2021

Parent Sample Id: 686001-005

MS Sample Id: 686001-005 S

MSD Sample Id: 686001-005 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 140 | 253 | 399 | 102 | 393 | 100 | 90-110 | 2 | 20 | mg/kg | 01.28.2021 14:21 | |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



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Analytical Method: Chloride by EPA 300

Seq Number: 3149315

Parent Sample Id: 686001-015

Matrix: Soil

MS Sample Id: 686001-015 S

Prep Method: E300P

Date Prep: 01.28.2021

MSD Sample Id: 686001-015 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 510 | 248 | 772 | 106 | 768 | 104 | 90-110 | 1 | 20 | mg/kg | 01.28.2021 15:34 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149324

Parent Sample Id: 686200-005

Matrix: Soil

MS Sample Id: 686200-005 S

Prep Method: E300P

Date Prep: 01.28.2021

MSD Sample Id: 686200-005 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 619 | 250 | 857 | 95 | 849 | 92 | 90-110 | 1 | 20 | mg/kg | 01.28.2021 18:25 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3149324

Parent Sample Id: 686305-031

Matrix: Soil

MS Sample Id: 686305-031 S

Prep Method: E300P

Date Prep: 01.28.2021

MSD Sample Id: 686305-031 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Chloride | 10.5 | 248 | 299 | 116 | 282 | 109 | 90-110 | 6 | 20 | mg/kg | 01.28.2021 17:13 | X |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149591

MB Sample Id: 7720482-1-BLK

Matrix: Solid

LCS Sample Id: 7720482-1-BKS

Prep Method: SW8015P

Date Prep: 01.30.2021

LCSD Sample Id: 7720482-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <50.0 | 1000 | 867 | 87 | 893 | 89 | 70-130 | 3 | 20 | mg/kg | 01.30.2021 13:48 | |
| Diesel Range Organics (DRO) | <50.0 | 1000 | 854 | 85 | 897 | 90 | 70-130 | 5 | 20 | mg/kg | 01.30.2021 13:48 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|-----------|-----------|--------|-------|------------------|
| 1-Chlorooctane | 85 | | 81 | | 81 | | 70-130 | % | 01.30.2021 13:48 |
| o-Terphenyl | 131 | ** | 113 | | 114 | | 70-130 | % | 01.30.2021 13:48 |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149595

MB Sample Id: 7720484-1-BLK

Matrix: Solid

LCS Sample Id: 7720484-1-BKS

Prep Method: SW8015P

Date Prep: 01.30.2021

LCSD Sample Id: 7720484-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <50.0 | 1000 | 905 | 91 | 895 | 90 | 70-130 | 1 | 20 | mg/kg | 01.30.2021 13:48 | |
| Diesel Range Organics (DRO) | <50.0 | 1000 | 831 | 83 | 826 | 83 | 70-130 | 1 | 20 | mg/kg | 01.30.2021 13:48 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|-----------|-----------|--------|-------|------------------|
| 1-Chlorooctane | 86 | | 82 | | 79 | | 70-130 | % | 01.30.2021 13:48 |
| o-Terphenyl | 106 | | 86 | | 84 | | 70-130 | % | 01.30.2021 13:48 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



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Analytical Method: TPH by SW8015 Mod

Seq Number: 3149653

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.30.2021

MB Sample Id: 7720495-1-BLK

LCS Sample Id: 7720495-1-BKS

LCSD Sample Id: 7720495-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <50.0 | 1000 | 1010 | 101 | 1050 | 105 | 70-130 | 4 | 20 | mg/kg | 01.30.2021 12:45 | |
| Diesel Range Organics (DRO) | <50.0 | 1000 | 970 | 97 | 1000 | 100 | 70-130 | 3 | 20 | mg/kg | 01.30.2021 12:45 | |
| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | | | Units | Analysis Date | |
| 1-Chlorooctane | 99 | | 104 | | 113 | | 70-130 | | | % | 01.30.2021 12:45 | |
| o-Terphenyl | 113 | | 119 | | 120 | | 70-130 | | | % | 01.30.2021 12:45 | |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149619

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.31.2021

MB Sample Id: 7720503-1-BLK

LCS Sample Id: 7720503-1-BKS

LCSD Sample Id: 7720503-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <50.0 | 1000 | 913 | 91 | 889 | 89 | 70-130 | 3 | 20 | mg/kg | 01.31.2021 14:57 | |
| Diesel Range Organics (DRO) | <50.0 | 1000 | 952 | 95 | 962 | 96 | 70-130 | 1 | 20 | mg/kg | 01.31.2021 14:57 | |
| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | | | Units | Analysis Date | |
| 1-Chlorooctane | 86 | | 105 | | 102 | | 70-130 | | | % | 01.31.2021 14:57 | |
| o-Terphenyl | 94 | | 109 | | 110 | | 70-130 | | | % | 01.31.2021 14:57 | |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149591

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.30.2021

MB Sample Id: 7720482-1-BLK

| Parameter | MB Result | Units | Analysis Date | Flag |
|------------------------------------|-----------|-------|------------------|------|
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | mg/kg | 01.30.2021 23:03 | |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149595

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.30.2021

MB Sample Id: 7720484-1-BLK

| Parameter | MB Result | Units | Analysis Date | Flag |
|------------------------------------|-----------|-------|------------------|------|
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | mg/kg | 01.30.2021 23:03 | |

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149653

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.30.2021

MB Sample Id: 7720495-1-BLK

| Parameter | MB Result | Units | Analysis Date | Flag |
|------------------------------------|-----------|-------|------------------|------|
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | mg/kg | 01.30.2021 12:24 | |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * | (C - E) / (C + E) |$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



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Analytical Method: TPH by SW8015 Mod

Seq Number: 3149619

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.31.2021

MB Sample Id: 7720503-1-BLK

Parameter

Motor Oil Range Hydrocarbons (MRO)

**MB
Result**

<50.0

Units

mg/kg

**Analysis
Date**

01.31.2021 14:36

Flag**Analytical Method: TPH by SW8015 Mod**

Seq Number: 3149591

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.30.2021

Parent Sample Id: 686001-001

MS Sample Id: 686001-001 S

MSD Sample Id: 686001-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

885

**MS
%Rec**

89

**MSD
Result**

883

**MSD
%Rec**

88

Limits

70-130

%RPD

0

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.30.2021 14:52

Flag

Diesel Range Organics (DRO)

<49.9

997

849

85

872

87

70-130

3

20

mg/kg

01.30.2021 14:52

Surrogate

1-Chlorooctane

**MS
%Rec**

83

**MS
Flag**

104

**MSD
%Rec**

82

**MSD
Flag**

107

Limits

70-130

Units

%

**Analysis
Date**

01.30.2021 14:52

o-Terphenyl

104

107

70-130

%

01.30.2021 14:52

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149595

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.30.2021

Parent Sample Id: 686162-001

MS Sample Id: 686162-001 S

MSD Sample Id: 686162-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<50.0

**Spike
Amount**

999

**MS
Result**

930

**MS
%Rec**

93

**MSD
Result**

953

**MSD
%Rec**

95

Limits

70-130

%RPD

2

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.30.2021 14:52

Flag

Diesel Range Organics (DRO)

<50.0

999

847

85

875

88

70-130

3

20

mg/kg

01.30.2021 14:52

Surrogate

1-Chlorooctane

**MS
%Rec**

83

**MS
Flag**

84

**MSD
%Rec**

84

**MSD
Flag**

86

Limits

70-130

Units

%

**Analysis
Date**

01.30.2021 14:52

o-Terphenyl

84

86

70-130

%

01.30.2021 14:52

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149653

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.30.2021

Parent Sample Id: 686572-001

MS Sample Id: 686572-001 S

MSD Sample Id: 686572-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

1030

**MS
%Rec**

103

**MSD
Result**

1050

**MSD
%Rec**

105

Limits

70-130

%RPD

2

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.30.2021 13:49

Flag

Diesel Range Organics (DRO)

<49.9

997

1060

106

913

91

70-130

15

20

mg/kg

01.30.2021 13:49

Surrogate

1-Chlorooctane

**MS
%Rec**

106

**MS
Flag**

118

**MSD
%Rec**

89

**MSD
Flag**

104

Limits

70-130

Units

%

**Analysis
Date**

01.30.2021 13:49

o-Terphenyl

118

104

70-130

%

01.30.2021 13:49

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Etech Environmental & Safety Solution, Inc

Raspberry

Analytical Method: TPH by SW8015 Mod

Seq Number: 3149619

Parent Sample Id: 686304-001

Matrix: Soil

MS Sample Id: 686304-001 S

Prep Method: SW8015P

Date Prep: 01.31.2021

MSD Sample Id: 686304-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <49.8 | 996 | 923 | 93 | 1000 | 100 | 70-130 | 8 | 20 | mg/kg | 01.31.2021 16:00 | |
| Diesel Range Organics (DRO) | <49.8 | 996 | 944 | 95 | 944 | 95 | 70-130 | 0 | 20 | mg/kg | 01.31.2021 16:00 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|--------|-------|------------------|
| 1-Chlorooctane | 101 | | 102 | | 70-130 | % | 01.31.2021 16:00 |
| o-Terphenyl | 109 | | 106 | | 70-130 | % | 01.31.2021 16:00 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3149451

MB Sample Id: 7720379-1-BLK

Matrix: Solid

LCS Sample Id: 7720379-1-BKS

Prep Method: SW5035A

Date Prep: 01.29.2021

LCSD Sample Id: 7720379-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Benzene | <0.00200 | 0.100 | 0.0886 | 89 | 0.0923 | 92 | 70-130 | 4 | 35 | mg/kg | 01.29.2021 17:38 | |
| Toluene | <0.00200 | 0.100 | 0.0902 | 90 | 0.0921 | 92 | 70-130 | 2 | 35 | mg/kg | 01.29.2021 17:38 | |
| Ethylbenzene | <0.00200 | 0.100 | 0.0870 | 87 | 0.0884 | 88 | 70-130 | 2 | 35 | mg/kg | 01.29.2021 17:38 | |
| m,p-Xylenes | <0.00400 | 0.200 | 0.166 | 83 | 0.169 | 85 | 70-130 | 2 | 35 | mg/kg | 01.29.2021 17:38 | |
| o-Xylene | <0.00200 | 0.100 | 0.0908 | 91 | 0.0913 | 91 | 70-130 | 1 | 35 | mg/kg | 01.29.2021 17:38 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|------------------|
| 1,4-Difluorobenzene | 103 | | 104 | | 106 | | 70-130 | % | 01.29.2021 17:38 |
| 4-Bromofluorobenzene | 133 | ** | 101 | | 102 | | 70-130 | % | 01.29.2021 17:38 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3149452

MB Sample Id: 7720380-1-BLK

Matrix: Solid

LCS Sample Id: 7720380-1-BKS

Prep Method: SW5035A

Date Prep: 01.29.2021

LCSD Sample Id: 7720380-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|------------------|------|
| Benzene | <0.00200 | 0.100 | 0.102 | 102 | 0.102 | 102 | 70-130 | 0 | 35 | mg/kg | 01.30.2021 04:43 | |
| Toluene | <0.00200 | 0.100 | 0.0943 | 94 | 0.0966 | 97 | 70-130 | 2 | 35 | mg/kg | 01.30.2021 04:43 | |
| Ethylbenzene | <0.00200 | 0.100 | 0.0916 | 92 | 0.0933 | 93 | 70-130 | 2 | 35 | mg/kg | 01.30.2021 04:43 | |
| m,p-Xylenes | <0.00400 | 0.200 | 0.182 | 91 | 0.187 | 94 | 70-130 | 3 | 35 | mg/kg | 01.30.2021 04:43 | |
| o-Xylene | <0.00200 | 0.100 | 0.0898 | 90 | 0.0920 | 92 | 70-130 | 2 | 35 | mg/kg | 01.30.2021 04:43 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|------------------|
| 1,4-Difluorobenzene | 102 | | 109 | | 112 | | 70-130 | % | 01.30.2021 04:43 |
| 4-Bromofluorobenzene | 130 | | 103 | | 102 | | 70-130 | % | 01.30.2021 04:43 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Etech Environmental & Safety Solution, Inc

Raspberry

Analytical Method: BTEX by EPA 8021B

Seq Number: 3149451

Parent Sample Id: 686482-007

Matrix: Soil

MS Sample Id: 686482-007 S

Prep Method: SW5035A

Date Prep: 01.29.2021

MSD Sample Id: 686482-007 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Benzene | <0.00199 | 0.0994 | 0.0741 | 75 | 0.0534 | 53 | 70-130 | 32 | 35 | mg/kg | 01.29.2021 18:19 | X |
| Toluene | 0.0126 | 0.0994 | 0.0754 | 63 | 0.0560 | 43 | 70-130 | 30 | 35 | mg/kg | 01.29.2021 18:19 | X |
| Ethylbenzene | 0.00588 | 0.0994 | 0.0716 | 66 | 0.0537 | 48 | 70-130 | 29 | 35 | mg/kg | 01.29.2021 18:19 | X |
| m,p-Xylenes | 0.0187 | 0.199 | 0.147 | 64 | 0.111 | 46 | 70-130 | 28 | 35 | mg/kg | 01.29.2021 18:19 | X |
| o-Xylene | 0.00610 | 0.0994 | 0.0901 | 85 | 0.0622 | 56 | 70-130 | 37 | 35 | mg/kg | 01.29.2021 18:19 | XF |

Surrogate

| | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|------------------|
| 1,4-Difluorobenzene | 101 | | 105 | | 70-130 | % | 01.29.2021 18:19 |
| 4-Bromofluorobenzene | 124 | | 116 | | 70-130 | % | 01.29.2021 18:19 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3149452

Parent Sample Id: 686001-017

Matrix: Soil

MS Sample Id: 686001-017 S

Prep Method: SW5035A

Date Prep: 01.29.2021

MSD Sample Id: 686001-017 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|------------------|------|
| Benzene | <0.00198 | 0.0990 | 0.0378 | 38 | 0.0925 | 93 | 70-130 | 84 | 35 | mg/kg | 01.30.2021 05:25 | XF |
| Toluene | <0.00198 | 0.0990 | 0.0498 | 50 | 0.0903 | 91 | 70-130 | 58 | 35 | mg/kg | 01.30.2021 05:25 | XF |
| Ethylbenzene | <0.00198 | 0.0990 | 0.0480 | 48 | 0.0860 | 87 | 70-130 | 57 | 35 | mg/kg | 01.30.2021 05:25 | XF |
| m,p-Xylenes | <0.00396 | 0.198 | 0.0979 | 49 | 0.173 | 87 | 70-130 | 55 | 35 | mg/kg | 01.30.2021 05:25 | XF |
| o-Xylene | <0.00198 | 0.0990 | 0.0517 | 52 | 0.0850 | 86 | 70-130 | 49 | 35 | mg/kg | 01.30.2021 05:25 | XF |

Surrogate

| | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|------------------|
| 1,4-Difluorobenzene | 101 | | 108 | | 70-130 | % | 01.30.2021 05:25 |
| 4-Bromofluorobenzene | 129 | | 107 | | 70-130 | % | 01.30.2021 05:25 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Chain of Custody

Work Order No: 686001

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440 EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296 Carlsbad, NM (432) 704-5440
 Phoenix, AZ (480) 355-0900 Atlanta, GA (770) 449-8800 Tampa, FL (813) 620-2000 West Palm Beach, FL (561) 689-6701

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| | | | |
|------------------|----------------------|-------------------------|--------------------------|
| Project Manager: | Joel Lowry | Bill to: (if different) | |
| Company Name: | ETech Environmental | Company Name: | COG Concho |
| Address: | 3100 Plains Hwy | Address: | |
| City, State ZIP: | Livingston, NM 88260 | City, State ZIP: | |
| Phone: | 575-396-2378 | Email: | PM@etechenv.com + client |

| Work Order Comments | |
|---------------------|---|
| Program: | UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> |
| State of Project: | |
| Reporting: | Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> |
| Deliverables: | EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/> |

| | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|---|--------------|------------------|-------|----------------------|-----------|--|--|--|--|--|--|--|--|---|--|---------|-----------------|--|
| Project Name: | | Turn Around | | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | | |
| Project Number: | | Routine <input checked="" type="checkbox"/> | | | | | | | | | | | | | | MeOH: Me | | | | |
| Project Location: | | Rush: | | | | | | | | | | | | | | None: NO | | | | |
| Sampler's Name: | | Due Date: | | | | | | | | | | | | | | HNO3: HN | | | | |
| PO #: | | Quote #: | | | | | | | | | | | | | | H2SO4: H2 | | | | |
| SAMPLE RECEIPT | | Temp Blank: Yes No | | Wet Ice: Yes No | | | | | | | | | | | | | | HCL: HL | | |
| Temperature (°C): | | Thermometer ID: | | | | | | | | | | | | | | NaOH: Na | | | | |
| Received Intact: | | Correction Factor: | | | | | | | | | | | | | | Zn Acetate+ NaOH: Zn | | | | |
| Cooler Custody Seals: | | Total Containers: | | | | | | | | | | | | | | TAT starts the day received by the lab, if received by 4:00pm | | | | |
| Sample Custody Seals: | | | | | | | | | | | | | | | | | | | | |
| Lab ID | Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Number of Containers | | | | | | | | | | | | | Sample Comments | |
| | NH @ surface | S | 1-25-21 | | - | 1 | Chlorides | | | | | | | | | | | | | |
| | NH @ 1' | S | 1-25-21 | | 1' | 1 | TPH | | | | | | | | | | | | | |
| | EH1 @ surface | S | 1-25-21 | | - | 1 | BTEX | | | | | | | | | | | | | |
| | EH1 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |
| | EH2 @ surface | S | 1-25-21 | | - | 1 | | | | | | | | | | | | | | |
| | EH2 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |
| | SH1 @ surface | S | 1-25-21 | | - | 1 | | | | | | | | | | | | | | |
| | SH1 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |
| | SH2 @ surface | S | 1-25-21 | | - | 1 | | | | | | | | | | | | | | |
| | SH2 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U

1631 / 245.1 / 7470 / 7471 : Hg

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|--------------|------------------------------|--------------------------|---------------|
| 1 <u>[Signature]</u> | 2 <u>[Signature]</u> | 1-25-21 5:10 | 3 <u>[Signature]</u> | 4 <u>[Signature]</u> | 1-25-21 11:50 |
| 5 | | | 6 | | |

Revised Date 022619 Rev. 2019.1



Chain of Custody

Work Order No: 486001

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440 El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296 Crasabad, NM (432) 704-5440
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| | | | |
|------------------|----------------------------|-------------------------|---------------------------------|
| Project Manager: | <u>Joel Lowry</u> | Bill to: (if different) | |
| Company Name: | <u>ETech Environmental</u> | Company Name: | <u>COG</u> |
| Address: | <u>3100 Plains Hwy</u> | Address: | |
| City, State ZIP: | <u>Louington, NM 88260</u> | City, State ZIP: | |
| Phone: | <u>575-396-2378</u> | Email: | <u>PM@etechenv.com + client</u> |

| Work Order Comments | |
|---------------------|---|
| Program: | UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> |
| State of Project: | |
| Reporting: | Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> |
| Deliverables: | EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/> |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|--|--------------|--------------|-------|-------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|---|--|
| Project Name: | | <u>Raspberry</u> | | Turn Around | | | | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | |
| Project Number: | | <u>13619</u> | | Routine | | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | MeOH: Me | | | |
| Project Location: | | <u>Rural Lea county</u> | | Rush: | | | | | | | | | | | | | | | | None: NO | | | |
| Sampler's Name: | | <u>Miguel Ramirez</u> | | Due Date: | | | | | | | | | | | | | | | | HNO3: HN | | | |
| PO #: | | | | Quote #: | | | | | | | | | | | | | | | | H2SO4: H2 | | | |
| SAMPLE RECEIPT | | Temp Blank: | | Yes No | | Wet Ice: | | <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | HCL: HL | |
| Temperature (°C): | | <u>10</u> | | | | Thermometer ID | | <u>128</u> | | | | | | | | | | | | | | NaOH: Na | |
| Received Intact: | | <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | Zn Acetate+ NaOH: Zn | |
| Cooler Custody Seals: | | <input checked="" type="checkbox"/> No N/A | | | | Correction Factor: | | <u>5</u> | | | | | | | | | | | | | | TAT starts the day received by the lab, if received by 4:00pm | |
| Sample Custody Seals: | | <input checked="" type="checkbox"/> No N/A | | | | Total Containers: | | | | | | | | | | | | | | | | Sample Comments | |
| Lab ID | Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Number of Containers | | | | | | | | | | | | | | | | | |
| | WH @ surface | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | WH @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP1 @ surface | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP1 @ 3' | S | 1-25-21 | | 3' | 1 | | | | | | | | | | | | | | | | | |
| | SP2 @ surface | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP2 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP3 @ surface | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP3 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP4 @ surface | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |
| | SP4 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | | | | |

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U

1631 / 245.1 / 7470 / 7471 : Hg

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|---------------------|------------------------------|--------------------------|-----------------|
| <u>[Signature]</u> | <u>[Signature]</u> | <u>1-25-21 5:10</u> | <u>[Signature]</u> | <u>[Signature]</u> | <u>12/21/15</u> |
| | | | | | |
| | | | | | |

Revised Date 022619 Rev. 2019.1



Chain of Custody

Work Order No: 080001

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440 EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296 Crasabad, NM (432) 704-5440
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| | | | |
|------------------|---------------------|-------------------------|---------------------------|
| Project Manager: | Joel Lowry | Bill to: (if different) | |
| Company Name: | ETech Environmental | Company Name: | CDG |
| Address: | 3100 Plains Hwy | Address: | |
| City, State ZIP: | Lawrence, NM 80260 | City, State ZIP: | |
| Phone: | 575-396-2378 | Email: | BPM@etechenv.com + client |

| Work Order Comments | |
|--|--|
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: | |

| | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|-------------|-------------------------------------|------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--------------------|----------|
| Project Name: | Raspberry | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | |
| Project Number: | 13619 | Routine | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | MeOH: Me |
| Project Location: | Rural Lea County | Rush: | | | | | | | | | | | | | | | | None: NO |
| Sampler's Name: | Miguel Ramirez | Due Date: | | | | | | | | | | | | | | | | HNO3: HN |
| PO #: | | Quote #: | | | | | | | | | | | | | | | H2SO4: H2 | |

| | | | | | |
|-----------------------|------------|--------------------|--------|----------|--------|
| SAMPLE RECEIPT | | Temp Blank: | Yes No | Wet Ice: | Yes No |
| Temperature (°C): | 4 | Thermometer ID | | | |
| Received Intact: | Yes No | Correction Factor: | | | |
| Cooler Custody Seals: | Yes No N/A | Total Containers: | | | |

| Lab ID | Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Number of Containers | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | |
|--------|-----------------------|--------|--------------|--------------|-------|----------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|
| | | | | | | | | | | | | | | | | | | | | |
| | SP5 @ surface | S | 1-25-21 | | | 1 | | | | | | | | | | | | | | |
| | CP5 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |
| | SP6 @ surface | S | 1-25-21 | | | 1 | | | | | | | | | | | | | | |
| | SP6 @ 2' | S | 1-25-21 | | 2' | 1 | | | | | | | | | | | | | | |
| | SP7 @ surface | S | 1-25-21 | | | 1 | | | | | | | | | | | | | | |
| | SP7 @ 1' | S | 1-25-21 | | 1' | 1 | | | | | | | | | | | | | | |

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U

1631 / 245.1 / 7470 / 7471 : Hg

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|--------------|------------------------------|--------------------------|---------------|
| 1 | 2 | 1-25-21 5:10 | 3 | 4 | 1-25-21 11:50 |
| 3 | | | | | |
| 5 | | | | | |

Revised Date 022619 Rev. 2019.1

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 01.27.2021 11.50.00 AM

Work Order #: 686001

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

| Sample Receipt Checklist | Comments |
|---|----------|
| #1 *Temperature of cooler(s)? | .2 |
| #2 *Shipping container in good condition? | Yes |
| #3 *Samples received on ice? | Yes |
| #4 *Custody Seals intact on shipping container/ cooler? | N/A |
| #5 Custody Seals intact on sample bottles? | N/A |
| #6 *Custody Seals Signed and dated? | N/A |
| #7 *Chain of Custody present? | Yes |
| #8 Any missing/extra samples? | No |
| #9 Chain of Custody signed when relinquished/ received? | Yes |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes |
| #11 Container label(s) legible and intact? | Yes |
| #12 Samples in proper container/ bottle? | Yes |
| #13 Samples properly preserved? | Yes |
| #14 Sample container(s) intact? | Yes |
| #15 Sufficient sample amount for indicated test(s)? | Yes |
| #16 All samples received within hold time? | Yes |
| #17 Subcontract of sample(s)? | N/A |
| #18 Water VOC samples have zero headspace? | N/A |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

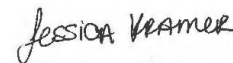
Checklist completed by:



Brianna Teel

Date: 01.27.2021

Checklist reviewed by:



Jessica Kramer

Date: 01.27.2021



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

April 23, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY 11/12

Enclosed are the results of analyses for samples received by the laboratory on 04/20/21 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 1 @ 1' (H211008-01)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2021 | ND | 226 | 113 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2021 | ND | 228 | 114 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 2 @ 1' (H211008-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2021 | ND | 226 | 113 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2021 | ND | 228 | 114 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.8 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 3 @ 1' (H211008-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 4 @ 1' (H211008-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 5 @ 1' (H211008-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 1 (H211008-06)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 1 (H211008-07)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 2 (H211008-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 3 (H211008-09)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 115 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 2 (H211008-10)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 3 (H211008-11)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 6 @ 1' (H211008-12)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 124 % 44.3-133

Surrogate: 1-Chlorooctadecane 128 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 7 @ 1' (H211008-13)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 8 @ 1' (H211008-14)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 125 % 44.3-133

Surrogate: 1-Chlorooctadecane 129 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 9 @ 1' (H211008-15)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.06 | 103 | 2.00 | 3.78 | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.95 | 97.4 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.65 | 94.2 | 6.00 | 6.18 | |
| Total BTX | <0.300 | 0.300 | 04/22/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 4 (H211008-16)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.02 | 101 | 2.00 | 6.29 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.93 | 96.6 | 2.00 | 6.65 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.88 | 93.9 | 2.00 | 6.95 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.54 | 92.4 | 6.00 | 6.67 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/20/2021
 Reported: 04/23/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 4 (H211008-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2021 | ND | 2.02 | 101 | 2.00 | 6.29 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.93 | 96.6 | 2.00 | 6.65 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2021 | ND | 1.88 | 93.9 | 2.00 | 6.95 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2021 | ND | 5.54 | 92.4 | 6.00 | 6.67 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/23/2021 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/22/2021 | ND | 227 | 114 | 200 | 0.291 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/22/2021 | ND | 248 | 124 | 200 | 0.0476 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/22/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-------|---|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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

Celey D. Keene, Lab Director/Quality Manager



FORM-006
Revision 1.0

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | | | BILL TO | | | | | | | | ANALYSIS REQUEST | | | | | | | | | | | | | |
|--|--------|-------------|---|--|--------------|--------------------------|------------|---------------------------------|-----|------------|----------|--|------------|---|---------|------|---|----------------|---|--|--|--|--|--|--|--|--|
| Project Manager: Joel Lowry | | | | | | P.O. #: | | | | | | <div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | | | Company: CCG | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | | | Attn: | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | | | Address: | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: | | | | | | City: | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry II/12 | | | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea county, NM | | | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | |
| | | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE | ICE / COOL | OTHER : | DATE | TIME | | | | | | | | | | | |
| H211008 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | EW3 | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 12 | FL6@1' | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 13 | FL7@1' | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 14 | FL8@1' | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 15 | FL9@1' | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 16 | EW4 | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
| 17 | WW4 | C | 1 | | | | X | | | | | X | | | 4-20-21 | | X | X | X | | | | | | | | |
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| Relinquished By: [Signature] | | | | Date: 4-20-21 | | Received By: [Signature] | | | | Time: 1635 | | | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | Add'l Phone #: | | | | | | | | | |
| Relinquished By: | | | | Date: | | Received By: | | | | Time: | | | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | Add'l Fax #: | | | | | | | | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | CHECKED BY: (Initials) JO | | | | Please email results to pm@etechenv.com. | | | | | | | | | | | | | | | |
| 4.3c #113 | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

April 28, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY 11/12

Enclosed are the results of analyses for samples received by the laboratory on 04/23/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/23/2021
 Reported: 04/28/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 10 @ 3' (H211049-01)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.06 | 103 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.16 | 108 | 2.00 | 2.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.11 | 106 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2021 | ND | 6.02 | 100 | 6.00 | 0.393 | |
| Total BTX | <0.300 | 0.300 | 04/27/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 04/27/2021 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/27/2021 | ND | 248 | 124 | 200 | 0.772 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2021 | ND | 252 | 126 | 200 | 0.273 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.4 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/23/2021
 Reported: 04/28/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 11 @ 3' (H211049-02)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.06 | 103 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.16 | 108 | 2.00 | 2.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.11 | 106 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2021 | ND | 6.02 | 100 | 6.00 | 0.393 | |
| Total BTX | <0.300 | 0.300 | 04/27/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 04/27/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/27/2021 | ND | 248 | 124 | 200 | 0.772 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2021 | ND | 252 | 126 | 200 | 0.273 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.2 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/23/2021
 Reported: 04/28/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: WW 5 (H211049-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.06 | 103 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.16 | 108 | 2.00 | 2.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.11 | 106 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2021 | ND | 6.02 | 100 | 6.00 | 0.393 | |
| Total BTX | <0.300 | 0.300 | 04/27/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

| 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 | 04/27/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/27/2021 | ND | 248 | 124 | 200 | 0.772 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2021 | ND | 252 | 126 | 200 | 0.273 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 04/23/2021
 Reported: 04/28/2021
 Project Name: RASPBERRY 11/12
 Project Number: 13619
 Project Location: COG - LEA CO NM

Sampling Date: 04/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: EW 5 (H211049-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.06 | 103 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.16 | 108 | 2.00 | 2.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2021 | ND | 2.11 | 106 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2021 | ND | 6.02 | 100 | 6.00 | 0.393 | |
| Total BTX | <0.300 | 0.300 | 04/27/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 04/27/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/27/2021 | ND | 248 | 124 | 200 | 0.772 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2021 | ND | 252 | 126 | 200 | 0.273 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.2 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

**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 Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | P.O. #: | | | | Chloride TPH (8015M) BTEX (8021B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/12 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea county, NM | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R LAB USE ONLY | | | | MATRIX | | | | PRESERV. | | | | SAMPLING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)COMP. | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER: | | ACID/BASE: | | ICE / COOL | | OTHER: | | DATE | | TIME | | | | | | | | | | | | | | | | | | | |
| H211049 | | | | G 1 | | 1 | | | | | | X | | | | | | | | | | X | | | | 4/23/21 | | | | X | | X | | X | | | | | | | | | | | | | |
| 2 | | FL11Q3' | | G 1 | | 1 | | | | | | X | | | | | | | | | | X | | | | 4/23/21 | | | | X | | X | | X | | | | | | | | | | | | | |
| 3 | | WWS | | G 1 | | 1 | | | | | | X | | | | | | | | | | X | | | | 4/23/21 | | | | X | | X | | X | | | | | | | | | | | | | |
| 4 | | EWS | | G 1 | | 1 | | | | | | X | | | | | | | | | | X | | | | 4/23/21 | | | | X | | X | | X | | | | | | | | | | | | | |
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 04, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 04/29/21 10:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 12 @ 6' (H211105-01)

| BTEX 8021B | | | mg/kg | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

| Chloride, SM4500Cl-B | | | mg/kg | | Analyzed By: AC | | | | |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | | mg/kg | | Analyzed By: MS | | | | |
|------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 240 | 120 | 200 | 3.38 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 220 | 110 | 200 | 7.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.7 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 13 @ 2' (H211105-02)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 240 | 120 | 200 | 3.38 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 220 | 110 | 200 | 7.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.5 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 14 @ 2' (H211105-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 65.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.1 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 15 @ 2' (H211105-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 67.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.6 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 16 @ 2' (H211105-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | |
| Total BTX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 66.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.2 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 17 @ 6' (H211105-06)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | |
| Toluene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | |
| Total BTX | <0.300 | 0.300 | 04/29/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 64.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.8 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 1 (H211105-07)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.3 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 2 (H211105-08)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.7 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/27/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 6 (H211105-09)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.04 | 102 | 2.00 | 10.1 | | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.7 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.93 | 96.4 | 2.00 | 10.3 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.70 | 95.0 | 6.00 | 9.96 | | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 68.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.0 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 18 @ 2' (H211105-10)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.0 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 19 @ 2' (H211105-11)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 68.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.7 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 20 @ 2' (H211105-12)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 63.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 61.8 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 21 @ 2' (H211105-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 63.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 62.1 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 22 @ 1' (H211105-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.5 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 23 @ 1' (H211105-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 7 (H211105-16)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.7 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 1 (H211105-17)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| 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 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 68.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.4 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 3 (H211105-18)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.5 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 24 @ 3' (H211105-19)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 04/29/2021 | Sampling Date: | 04/28/2021 |
| Reported: | 05/04/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 25 @ 3' (H211105-20)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.00 | 100 | 2.00 | 8.81 | |
| Toluene* | <0.050 | 0.050 | 04/30/2021 | ND | 2.01 | 101 | 2.00 | 8.17 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2021 | ND | 1.97 | 98.3 | 2.00 | 8.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2021 | ND | 5.57 | 92.8 | 6.00 | 8.87 | |
| Total BTX | <0.300 | 0.300 | 04/30/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 04/30/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2021 | ND | 214 | 107 | 200 | 2.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/30/2021 | ND | 188 | 94.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 59.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 57.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-------|--|
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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

Celey D. Keene, Lab Director/Quality Manager

**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 Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------|--|-------------------|--------------|-------------|------------|---|-----|--------|--------|-----------|------------|--------|---------|------|---|---|---|--|--|--|--|--|--|--|--|--|--|
| Project Manager: Joel Lowry | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry State 11/12 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea County, NM | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| R LAB USE ONLY | | | | MATRIX | | | | PRESERV. | | | | SAMPLING | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | |
| H211105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 FL12@6' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 2 FL13@2' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 3 FL14@2' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 4 FL15@2' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 5 FL16@2' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 6 FL17@6' | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 7 NW1 | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 8 NW2 | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 9 EW6 | | | | C | 1 | | | X | | | | X | | | 4-27-21 | | X | X | X | | | | | | | | | | |
| 10 FL18@2' | | | | C | 1 | | | X | | | | X | | | 4-28-21 | | X | X | X | | | | | | | | | | |

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| | | | | |
|------------------|---------------|--------------|--|----------------|
| Relinquished By: | Date: 4-27-21 | Received By: | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | Time: 1059 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| | Date: | | REMARKS: | |
| Relinquished By: | Date: | Received By: | Please email results to pm@etechenv.com. | |
| Time: | | | | |

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: 5.2c #13

Sample Condition

Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials)

FORM-006
Revision 1.0

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



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|--|-------------------|--|--------------|--|---|--|------------|--|--|--|-----|--|----------------|--|--------|--|--|--|------------|--|---------|--|------|--|------|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry State 11/12 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea County, NM | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER: | | ACID/BASE: | | ICE / COOL | | OTHER: | | DATE | | TIME | |
| H211105 | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 11 FL19 @ 2' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 12 FL20 @ 2' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 13 FL21 @ 2' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 14 FL22 @ 1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 15 FL23 @ 1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 16 EWT | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 17 SWI | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 18 NW3 | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 19 FL24 @ 3' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
| 20 FL25 @ 3' | | | | C | | 1 | | | | | | X | | | | | | | | X | | | | 4-28-21 | | | | | |
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| Relinquished By: [Signature] | | | | Date: 4-28-21 | | | | Received By: [Signature] | | | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | Add'l Phone #: | | | | | | | | | | | | | |
| | | | | Time: 1059 | | | | | | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | Add'l Fax #: | | | | | | | | | | | | | |
| Relinquished By: | | | | Date: | | | | Received By: | | | | REMARKS: | | | | | | | | | | | | | | | | | |
| | | | | Time: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | | | | | | | | | | | Sample Condition | | | | CHECKED BY: | | | | Please email results to pm@etechenv.com. | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | | | | | | | | | | | Cool Intact | | | | (Initials) | | | | | | | | | | | | | |
| 5.2c #113 | | | | | | | | | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No | | | | T.O. | | | | | | | | | | | | | |



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

May 05, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 05/03/21 16:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/03/2021 | Sampling Date: | 05/03/2021 |
| Reported: | 05/05/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 26 @ 4' (H211123-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/04/2021 | ND | 2.00 | 100 | 2.00 | 8.68 | | |
| Toluene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.94 | 97.2 | 2.00 | 9.67 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.89 | 94.3 | 2.00 | 8.89 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/04/2021 | ND | 5.59 | 93.2 | 6.00 | 7.89 | | |
| Total BTEX | <0.300 | 0.300 | 05/04/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 05/05/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/04/2021 | ND | 204 | 102 | 200 | 0.721 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/04/2021 | ND | 200 | 99.8 | 200 | 3.88 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/04/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/03/2021 | Sampling Date: | 05/03/2021 |
| Reported: | 05/05/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 27 @ 4' (H211123-02)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/04/2021 | ND | 2.00 | 100 | 2.00 | 8.68 | |
| Toluene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.94 | 97.2 | 2.00 | 9.67 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.89 | 94.3 | 2.00 | 8.89 | |
| Total Xylenes* | <0.150 | 0.150 | 05/04/2021 | ND | 5.59 | 93.2 | 6.00 | 7.89 | |
| Total BTX | <0.300 | 0.300 | 05/04/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 912 | 16.0 | 05/05/2021 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/04/2021 | ND | 204 | 102 | 200 | 0.721 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/04/2021 | ND | 200 | 99.8 | 200 | 3.88 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/04/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/03/2021 | Sampling Date: | 05/03/2021 |
| Reported: | 05/05/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 6 (H211123-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/04/2021 | ND | 2.00 | 100 | 2.00 | 8.68 | |
| Toluene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.94 | 97.2 | 2.00 | 9.67 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.89 | 94.3 | 2.00 | 8.89 | |
| Total Xylenes* | <0.150 | 0.150 | 05/04/2021 | ND | 5.59 | 93.2 | 6.00 | 7.89 | |
| Total BTEX | <0.300 | 0.300 | 05/04/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 05/05/2021 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/04/2021 | ND | 204 | 102 | 200 | 0.721 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/04/2021 | ND | 200 | 99.8 | 200 | 3.88 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/04/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/03/2021 | Sampling Date: | 05/03/2021 |
| Reported: | 05/05/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 8 (H211123-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/04/2021 | ND | 2.00 | 100 | 2.00 | 8.68 | |
| Toluene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.94 | 97.2 | 2.00 | 9.67 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/04/2021 | ND | 1.89 | 94.3 | 2.00 | 8.89 | |
| Total Xylenes* | <0.150 | 0.150 | 05/04/2021 | ND | 5.59 | 93.2 | 6.00 | 7.89 | |
| Total BTEx | <0.300 | 0.300 | 05/04/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 05/05/2021 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/04/2021 | ND | 204 | 102 | 200 | 0.721 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/04/2021 | ND | 200 | 99.8 | 200 | 3.88 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/04/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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

Celey D. Keene, Lab Director/Quality Manager



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 Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
|---|--|-------------|--|--|--|---|--|---|--|-----------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Project Manager: Joel Lowry | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/10 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | |
| | | | | | | GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | ACID/BASE: ICE / COOL OTHER: | | DATE TIME | | | | | | | | | | | | | | | |
| H211123 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 FL26@4' | | C 1 | | | | X | | X | | 5/3/21 | | X X X | | | | | | | | | | | | | |
| 2 FL 27@4' | | C 1 | | | | X | | X | | 5/3/21 | | X X X | | | | | | | | | | | | | |
| 3 WW6 | | C 1 | | | | X | | X | | 5/3/21 | | X X X | | | | | | | | | | | | | |
| 4 EW 8 | | C 1 | | | | X | | X | | 5/3/21 | | X X X | | | | | | | | | | | | | |
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| Relinquished By: | | | | Date: 5-3-21 Time: 1648 | | | | Received By: [Signature] | | | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | | | | | | | | | | | | | |
| Relinquished By: | | | | Date: Time: | | | | Received By: | | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | | | Sample Condition | | | | CHECKED BY: | | | | Please email results to pm@etechenv.com. | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 4.9c #113 | | | | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | [Signature] | | | | | | | | | | | | | | | | | |



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

May 06, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 05/04/21 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 28 @ 4' (H211140-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 185 | 92.3 | 200 | 0.472 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 188 | 93.9 | 200 | 0.848 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 29 @ 4' (H211140-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 185 | 92.3 | 200 | 0.472 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 188 | 93.9 | 200 | 0.848 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.8 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 30 @ 4' (H211140-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 185 | 92.3 | 200 | 0.472 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 188 | 93.9 | 200 | 0.848 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 38.9-142

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Analytical Results For:

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 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 31 @ 4' (H211140-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 185 | 92.3 | 200 | 0.472 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 188 | 93.9 | 200 | 0.848 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.9 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 8 (H211140-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | | |
| Total BTX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 7 (H211140-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTEx | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 9 (H211140-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | | |
| Total BTEx | <0.300 | 0.300 | 05/06/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.0 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 2 (H211140-08)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 32 @ 3' (H211140-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.00 | 100 | 2.00 | 3.30 | |
| Toluene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.09 | 104 | 2.00 | 2.23 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2021 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2021 | ND | 5.95 | 99.2 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 33 @ 2' (H211140-10)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTX | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 34 @ 1' (H211140-11)

| BTX 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTX | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 35 @ 1' (H211140-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTEx | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.0 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 36 @ 1' (H211140-13)

| BTEx 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTEx | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 9 (H211140-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTEx | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/04/2021 | Sampling Date: | 05/04/2021 |
| Reported: | 05/06/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | ** (See Notes) |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 10 (H211140-15)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.09 | 104 | 2.00 | 2.45 | | |
| Toluene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.05 | 103 | 2.00 | 1.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2021 | ND | 2.01 | 101 | 2.00 | 2.51 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2021 | ND | 5.98 | 99.7 | 6.00 | 2.36 | | |
| Total BTX | <0.300 | 0.300 | 05/05/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/06/2021 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/05/2021 | ND | 197 | 98.6 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/05/2021 | ND | 205 | 102 | 200 | 1.59 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/05/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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

Celey D. Keene, Lab Director/Quality Manager

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101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: | | | | | | BILL TO | | | | | | | | ANALYSIS REQUEST | | | | | | | | | | |
|--|------------|-----------------------|---|------------|--|-----------------------------------|-------------|------------|------|-----|--------|----------|--------------------------|-------------------------|------|---|--|--|--|--|--|--|--|--|
| Project Manager: Joel Lowry | | | | | | P.O. #: | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | | | Company: COG | | | | | | | | | | | | | | | | | | |
| City: Lovington | | State: NM | | Zip: 88260 | | Attn: | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 | | Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | |
| Project #: 13619 | | Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/12 | | | | | | State: Zip: | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea County, NM | | | | | | Phone #: | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | | | Fax #: | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | MATRIX | | | | | | PRESERV. | | SAMPLING | | Chloride TPH (8015M) BTEX (8021B) | | | | | | | | |
| Lab I.D. | | Sample I.D. | | | | (G/RAB OR C/JOMP. # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: ICE / COOL | OTHER : | DATE | | | | | | | | | |
| H2L1140 | FL 28 @ 4' | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | FL 29 @ 4' | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | FL 30 @ 4' | C | 1 | V | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | FL 31 @ 4' | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | NW 8 | C | 1 | X | | | | | | | | X | | 5/4/21 | | X F X | | | | | | | | |
| | NW 7 | C | 1 | X | | | | | | | | X | | 5/4/21 | | X F X | | | | | | | | |
| | Ew 9 | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | SW 2 | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | FL 32 @ 3' | C | 1 | R | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |
| | FL 33 @ 2' | C | 1 | X | | | | | | | | X | | 5/4/21 | | X X X | | | | | | | | |

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| | | | | | |
|--|--|-------------------------------------|--------------------------|--|---|
| Relinquished By: [Signature] | | Date: 5-4-21 Time: 1650 | Received By: [Signature] | | Phone Result: Yes No Fax Result: Yes No Add'l Phone #: Add'l Fax #: |
| Relinquished By: | | Date: Time: | Received By: | | REMARKS: Brought straight to lab from field. |
| Delivered By: (Circle One) | | Sample Condition Cool Intact Yes No | CHECKED BY: (Initials) | | Please email results to pm@etechenv.com. |
| Sampler - UPS - Bus - Other: 25.1 c #113 | | | | | |

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 19 of 19

| Company Name: Etech Environmental & Safety Solutions, Inc. | BILL TO | ANALYSIS REQUEST | | | | | | | | | | | | |
|---|--------------|-------------------|--|------------------------------|-----------------------------|----------------|-----|--------|---------|------------|------------|---------|--------|------|
| Project Manager: Joel Lowry | P.O. #: | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | | |
| Address: P.O. Box 301 | Company: COG | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | Attn: | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | Address: | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: | City: | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/12 | State: Zip: | | | | | | | | | | | | | |
| Project Location: Rural Lea County, NM | Phone #: | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | Fax #: | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME |
| H211140 | | | | | | | | | | | | | | |
| 11 12 FL 34 @ 2' | | C | 1 | | | X | | | | X | | | 5/4/21 | |
| 12 13 FL 35 @ 2' | | C | 1 | | | X | | | | X | | | 5/4/21 | |
| 13 14 FL 36 @ 2' | | C | 1 | | | X | | | | X | | | 5/4/21 | |
| 14 15 EQ 9 | | C | 1 | | | X | | | | X | | | 5/4/21 | |
| 15 No EW 10 | | C | 1 | | | X | | | | X | | | 5/4/21 | |
| <p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p> | | | | | | | | | | | | | | |
| Relinquished By: | Date: 5-4-21 | Received By: | Phone Result: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Add'l Phone #: | | | | | | | | |
| | Time: 1050 | | Fax Result: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Add'l Fax #: | | | | | | | | |
| Relinquished By: | Date: | Received By: | REMARKS: | | | | | | | | | | | |
| | Time: | | Brought straight to lab from field | | | | | | | | | | | |
| Delivered By: (Circle One) | | | Please email results to pm@etechenv.com. | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 25.1c #113 | | | | | | | | | | | | | | |
| Sample Condition | | | CHECKED BY: | | | | | | | | | | | |
| Cool Intact | | | (Initials) | | | | | | | | | | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | T.O. | | | | | | | | | | | |



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

May 11, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 05/05/21 16:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 10 (H211163-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 11 (H211163-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 3 (H211163-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEx | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 12 (H211163-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | | |
| Total BTEx | <0.300 | 0.300 | 05/07/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 44.3-133

Surrogate: 1-Chlorooctadecane 124 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 4 (H211163-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 37 @ 4' (H211163-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | | |
| Total BTEx | <0.300 | 0.300 | 05/07/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 352 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 38 @ 4' (H211163-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/05/2021 | Sampling Date: | 05/05/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 4 (H211163-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.12 | 106 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.09 | 105 | 2.00 | 1.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2021 | ND | 2.05 | 102 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2021 | ND | 6.05 | 101 | 6.00 | 1.52 | |
| Total BTEx | <0.300 | 0.300 | 05/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 576 | 16.0 | 05/07/2021 | ND | 384 | 96.0 | 400 | 4.08 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2021 | ND | 206 | 103 | 200 | 0.125 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2021 | ND | 214 | 107 | 200 | 1.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

**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 Solutions, Inc. | | | | | | | | | |
|-------------------|----------|--------------|--------------|------------|------|--|-------|-----------|------------------|----------------|---------|----------------|------|--|-------|
| | | | | | | | | | | | | | | | |
| Project Manager: | | | | | | | | Jed Lowry | | | | | | | |
| Address: | | | | | | | | | P.O. Box 301 | | | | | | |
| City: | | | | | | | | | Lovington | State: | | NM | Zip: | | 88260 |
| Phone #: | | | | | | | | | (575) 396-2378 | Fax #: | | (575) 396-1429 | | | |
| Project #: | | | | | | | | | 13619 | Project Owner: | | | | | COG |
| Project Name: | | | | | | | | | Raspberry St. | 11/12 | | | | | |
| Project Location: | | | | | | | | | Rural Lea COJ NM | | | | | | |
| Sampler Name: | | | | | | | | | Miguel Ramirez | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | | | | | | | | | | | | |
| H21163 | | | | | | | | | | | | | | | |
| (G/RAB OR C/JOMP) | | # CONTAINERS | GROUNDEWATER | WASTEWATER | SOIL | OIL | SUDGE | OTHER : | ACID/BASE | ICE / COOL | OTHER : | DATE | TIME | | |
| 1 | WW10 | C | I | X | | | | | X | | | 5/5/21 | | | |
| 2 | FW11 | C | I | X | | | | | X | | | 5/5/21 | | | |
| 3 | SW13 | C | I | X | | | | | X | | | 5/5/21 | | | |
| 4 | EW12 | C | I | X | | | | | X | | | 5/5/21 | | | |
| 5 | NW14 | C | I | X | | | | | X | | | 5/5/21 | | | |
| 6 | FL 37@4' | C | I | X | | | | | X | | | 5/5/21 | | | |
| 7 | FL 38@4' | C | I | X | | | | | X | | | 5/5/21 | | | |
| 8 | DW4 | C | I | X | | | | | X | | | 5/5/21 | | | |

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Relinquished By:

Date:
5-5-21
Time:
1652

Received By:

Date:
Time:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
3.6c #113

Sample Condition
Cool Intact
☒ Yes ☐ No ☐ Yes ☐ No

Checked By:
(Initials)
YO

REMARKS:

Please email results to pm@etechenv.com.



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

May 11, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 05/06/21 17:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 5 (H211174-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/10/2021 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 6 (H211174-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/10/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 5 (H211174-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | |
| Total BTEx | <0.300 | 0.300 | 05/10/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/10/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 6 (H211174-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | | |
| Total BTEx | <0.300 | 0.300 | 05/10/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/10/2021 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 11 (H211174-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/10/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 05/06/2021 | Sampling Date: | 05/06/2021 |
| Reported: | 05/11/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Jodi Henson |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 39 @ 4' (H211174-06)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.07 | 104 | 2.00 | 1.52 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2021 | ND | 2.02 | 101 | 2.00 | 0.192 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2021 | ND | 1.97 | 98.3 | 2.00 | 1.17 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2021 | ND | 5.89 | 98.2 | 6.00 | 0.780 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/10/2021 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2021 | ND | 208 | 104 | 200 | 8.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2021 | ND | 206 | 103 | 200 | 10.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

May 12, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RASPBERRY STATE #1 11/12

Enclosed are the results of analyses for samples received by the laboratory on 05/10/21 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 7 (H211200-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 40 @ 1' (H211200-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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 P.O. Box 301
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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 41 @ 1' (H211200-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.5 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 42 @ 1' (H211200-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 43 @ 1' (H211200-05)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: GM | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: SW 8 (H211200-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 44 @ 1' (H211200-07)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.8 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 45 @ 1' (H211200-08)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 46 @ 2' (H211200-09)

| BTEx 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTEX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

| Chloride, SM4500Cl-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: GM | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 47 @ 2' (H211200-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/12/2021 | ND | 432 | 108 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 7 (H211200-11)

| BTEx 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTEX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

| Chloride, SM4500Cl-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: GM | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 496 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

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 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: NW 8 (H211200-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: EW 13 (H211200-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 48 @ 1' (H211200-14)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: GM | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 49 @ 1' (H211200-15)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.0 % 38.9-142

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Analytical Results For:

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 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 50 @ 1' (H211200-16)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: GM | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 94.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.3 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: FL 51 @ 1' (H211200-17)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | |
| Total BTX | <0.300 | 0.300 | 05/11/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 05/10/2021 | Sampling Date: | 05/07/2021 |
| Reported: | 05/12/2021 | Sampling Type: | Soil |
| Project Name: | RASPBERRY STATE #1 11/12 | Sampling Condition: | Cool & Intact |
| Project Number: | 13619 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: WW 12 (H211200-18)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.08 | 104 | 2.00 | 4.79 | | |
| Toluene* | <0.050 | 0.050 | 05/11/2021 | ND | 2.02 | 101 | 2.00 | 5.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2021 | ND | 1.97 | 98.7 | 2.00 | 5.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2021 | ND | 5.88 | 97.9 | 6.00 | 4.92 | | |
| Total BTEx | <0.300 | 0.300 | 05/11/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 05/12/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/12/2021 | ND | 211 | 106 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/12/2021 | ND | 226 | 113 | 200 | 0.924 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/12/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

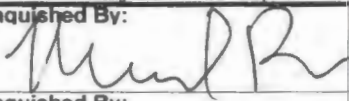
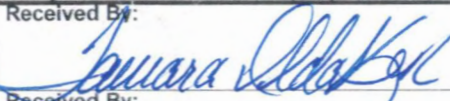
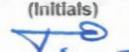


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|--|---|--|--------------|--|---|--|------------|--|--|--|-----|--|----------------|--|--------|--|--|--|------------|--|--------------|--|--------|--|------|--|---|--|---|--|---|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/12 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea County, NM | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER: | | ACID/BASE | | ICE / COOL | | OTHER: | | DATE | | TIME | | | | | | | |
| H211200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 SW7 | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 2 FL40@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 3 FL41@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 4 FL42@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 5 FL43@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 6 SW8 | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 7 FL44@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 8 FL45@1' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 9 FL46@2' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| 10 FL47@2' | | | | C | | 1 | | | | | | X | | | | | | | | X | | X | | X | | 5/7/21 | | | | X | | X | | X | |
| <p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By:  | | | | Date: 5-10-21 Time: 1650 | | | | Received By:  | | | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | Add'l Phone #: | | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | Add'l Fax #: | | | | | | | | | | | |
| Relinquished By: | | | | Date: | | | | Received By: | | | | REMARKS: | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | | | Sample Condition | | | | CHECKED BY: | | | | Please email results to pm@etechenv.com. | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | | | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No | | | | (Initials)  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.6c #113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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|--|-------------|--|--------------|------------------------|------------|------------|-----|---|---------|----------------|------------|--|--------|--------------|---|----------|---|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: COG | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington State: NM Zip: 88260 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 13619 Project Owner: COG | | | | City: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Raspberry St. #1 11/12 | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Lea co, NM | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Miguel Ramirez | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | | | | | | | | | | |
| H211200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | NW7 | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 12 | NW8 | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 13 | EW13 | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 14 | FL 4801' | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 15 | FL 4901' | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 16 | FL 5601' | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 17 | FL 5101' | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| 18 | NW12 | C | 1 | | | X | | | | X | | | 5/7/21 | | X | X | X | | | | | | | | | | |
| <p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: | | Date: 5-10-21 | | Received By: | | Time: 1650 | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Phone #: | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Fax #: | | REMARKS: | | | | | | | | | | | |
| Relinquished By: | | Date: | | Received By: | | Time: | | Please email results to pm@etechenv.com. | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | Sample Condition | | CHECKED BY: (Initials) | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 3.6c #113 | | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | JD | | | | | | | | | | | | | | | | | | | | | | | |

FORM-006
Revision 1.0

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 31174

CONDITIONS

| | |
|---|---|
| Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701 | OGRID: 229137 |
| | Action Number: 31174 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| chensley | None | 8/11/2021 |