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Oil Conservation Division

| Incident ID    | NRM2000635221 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

### 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.

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

EX 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)

I Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 $\mathbf{X}$  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: Carmen E. Pitt      | Title: Senior HSE Specialist   |
|-----------------------------------|--------------------------------|
| Signature: <u>Carmen Pätt</u>     | Date: <u>9/29/2020</u>         |
| email: cpitt@grizzlyenergyllc.com | Telephone: <u>432-248-8145</u> |
|                                   |                                |

OCD Only

Received by: Cristina Eads

Date: 09/29/2020

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: 11/24/2020

Printed Name: Cristina Eads

Title: Environmental Specialist

# Remediation Summary and Soil Closure Request

### Grizzly Energy, LLC Cole State #10

Lea County, New Mexico Unit Letter E, Section 16, Township 22 South, Range 37 East Latitude 32.39287 North, Longitude 103.17297 West NMOCD Reference No. nRM2000635221

Prepared By:

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

Imme C.

Lance Crenshaw

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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 Grizzly Energy, LLC, has prepared this Report for the Release Site known as the Cole State #10. Details of the release are summarized below:

| Latitude:                                  | 32.39287                                       | Longitude:                         | -103.17297                        | ,           |
|--|--|------------------------------------|-----------------------------------|-------------|
|  |  | Provided GPS are in WGS84 forma    |                                   |             |
| lite Name:                                 | Cole State #10                                 | Site Type:                         | Flowline                          |             |
| Date Release Discove                       |  | API # (if applica                  |                                   | 2163        |
| Unit Letter S                              | ection Township                                | Range                              | County                            |             |
| E E  | 16 22S   | 37E                                | Lea                               |             |
|  | Natur  | e and Volume of R                  | lelease                           |             |
| X Crude Oil                                | Volume Released (bbl                           | s) 0.6                             | Volume Recovered (bbls)           | 0.25        |
| X Produced Water                           | Volume Released (bbl                           | s) 22                              | Volume Recovered (bbls)           | 0.25        |
|  | Is the concentration of produced water > 10,00 | dissolved chloride in the 00 mg/L? | X Yes No                          | N/A         |
| Condensate                                 | Volume Released (bbl                           | s)                                 | Volume Recovered (bbls)           |             |
| Natural Gas                                | Volume Released (Mc                            | f)                                 | Volume Recovered (Mcf)            |             |
| Other (describe)                           | Volume/Weight Releas                           | ed                                 | Volume/Weight Recovered           |             |
| Cause of Release:<br>The release was attri | ibuted to a line plugging o                    |                                    | sing the rollergrip clamp to fail |             |
|  |  | Initial Response                   |                                   |             |
| X The source of the                        | e release has been stopped.                    |                                    |                                   |             |
| X The impacted are                         | a has been secured to protec                   |                                    |                                   |             |
|  | s have been contained via th                   | ne use of berms or dikes, al       | osorbent pad, or other containme  | ent devices |
|  |  | ,                                  |                                   |             |

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 Release 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?   | ~ 7   | 75 Ft. |
|---|-------|--------|
| Did the release impact groundwater or surface water?  | Yes   | X No   |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | Yes   | X 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?   | Yes   | X No   |
| Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?  | Yes   | X 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? | Yes   | X No   |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | Yes   | X No   |
| Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?   | Yes   | X No   |
| Are the lateral extents of the release within 300 feet of a wetland?  | Yes   | X No   |
| Are the lateral extents of the release overlying a subsurface mine?   | Yes   | X No   |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | Yes   | X No   |
| Are the lateral extents of the release within a 100-year floodplain?  | Yes   | X No   |
| Did the release impact areas not on an exploration, development, production or storage site?  | X Yes | No     |

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

### 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 for the Site is as follows:

|                                  | <b>Closure Criteria for Soil I</b> | mpacted by a Release              |             |
|----------------------------------|------------------------------------|-----------------------------------|-------------|
| Probable Depth to<br>Groundwater | Constituent                        | Method                            | Limit       |
|                                  | Chloride                           | EPA 300.0 or SM4500 Cl B          | 10000 mg/kg |
|                                  | TPH (GRO + DRO + MRO)              | EPA SW-846 Method 8015M Ext       | 2500 mg/kg  |
| ~ 75 Ft.                         | DRO + GRO                          | EPA SW-846 Method 8015M           | 1000 mg/kg  |
|                                  | BTEX                               | EPA SW-846 Methods 8021b or 8260b | 50 mg/kg    |
|                                  | Benzene                            | EPA SW-846 Methods 8021b or 8260b | 10 mg/kg    |

### 4.0 INITIAL SITE ASSESSMENT

On November 5 and 8, 2019, Etech conducted an initial release assessment at the Site. During the initial release assessment, a series of hand-augered soil bores (V1 through V5) were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, hand-augered soil bores and/or test trenches were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for the presence of Volatile Organic Compounds utilizing a Photoionization Detector (PID) and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit. A "Site & Sample Location Map" is provided as Figure 3. Field data and soil profile logs, if applicable, are provided as Appendix B.

Based on field observations and field test data, thirty-two (32) delineation soil samples (V1 @ 3.5'-R, V2 @ Surf., V3 @ Surf., V4 @ 1', V5 @ Surf., V5 @ 1.5'-R, NH1 @ Surf., NH1 @ 1', EH1 @ Surf., EH1 @ 1', EH2 @ Surf., EH2 @ 1', EH3 @ Surf., EH3 @ 1', EH4 @ Surf., EH4 @ 1', EH5 @ Surf., EH5 @ 1', SH1 @ Surf., SH1 @ 1', SH2 @ Surf., SH2 @ 1', WH1 @ Surf., WH1 @ 1', WH2 @ Surf., WH2 @ 1', WH3 @ Surf., WH3 @ 1', WH4 @ Surf., WH4 @ 1', WH5 @ Surf. and WH5 @ 1') were submitted to the laboratory for analysis of BTEX, TPH and chloride. Based on laboratory analytical results, the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined. Additional vertical delineation would be required in the areas characterized by sample points V1 through V5. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

On December 6, 2019, Etech revisited the Site. During the site visit, a series of hand-augered soil bores were advanced within the release margins in the areas characterized by sample points V3 through V5 an effort to determine the vertical extent of soil impacts. During the advancement of the hand-augered soil bores, three (3) delineation soil samples (V3 @ 4', V4 @ 3' and V5 @ 3') were collected and submitted to the laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples with the exception of soil sample V4 @ 3', which exhibited a TPH concentration of 554.4 mg/kg.

On December 23, 2019, Etech revisited the Site in an effort to further investigate impacted soil in the areas characterized by sample points V1, V2, V4 and V5. During the site visit, a series of hand-augered soil bores were advanced within the release margins in the areas characterized by sample points V1, V2, V4 and V5 in an effort to determine the vertical extent of soil impacts. During the advancement of the hand-augered soil bores, four (4) delineation soil samples (V1 @ 4', V2 @ 4', V4 @ 4' and V5 @ 4') were collected and submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples with the exception of soil samples V1 @ 4' and V4 @ 4', which exhibited TPH concentrations of 7,478 mg/kg and 8,521 mg/kg, respectively. Collection of additional samples from sample points V1 and V4 was precluded due to the presence of a resilient rock layer.

On February 19, 2020, Etech revisited the Site in an effort to further investigate impacted soil in the areas characterized by sample points V1 and V4. During the site visit, a series of test trenches were advanced within the release margins in the areas characterized by sample points V1 and V4 in an effort to determine the vertical extent of soil impacts. During the advancement of the test trenches, four (4) delineation soil samples (V1 @ 5', V1 @ 6', V4 @ 8' and V4 @ 9') were collected and submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples.

Based on laboratory analytical results, the horizontal extent of affected soil impacted above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was adequately defined and soil was not affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard beyond 5 Ft. bgs in the area characterized by sample point V1, 4 Ft. bgs in the areas characterized by sample points V2, V3 and V5, and 8 Ft. bgs in the area characterized by sample point V4. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

### 5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Grizzly Energy, LLC proposes the following remediation activities designed to advance the Site toward an approved closure:

•Utilizing mechanical equipment, excavate impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard in the area characterized by sample point V1 to an estimated depth of 5 Ft. bgs, the areas characterized by sample points V2, V3 and V5 to an estimated depth of 4 Ft. bgs, and the area characterized by sample point V4 to an estimated depth of 8 Ft bgs.

•The floor and sidewalls of the excavated area will be advanced until laboratory analytical results indicated impacted soil affected above the NMOCD Closure Criteria has been removed.

•Excavated material will be temporarily stockpiled on-site, then transported to an NMOCD-approved disposal facility.

•Upon excavating impacted soil affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard, collect the requisite excavation confirmation soil samples.

•Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted "like" material.

•Excavation backfill will be contoured to match the surrounding topography.

•Upon completion of remediation activities, prepare a Remediation Summary and Site Closure Request detailing remediation activities and the results of confirmation soil samples.

### 6.0 **REGULATORY APPROVALS AND STIPULATIONS**

On March 6th, 2020, a Site Assessment Report and Proposed Remediation Workplan was submitted to the NMOCD proposing remediation activities designed to advance the Site toward regulatory closure. The Site Assessment Report and Proposed Remediation Workplan was subsequently approved.

Please reference the Site Assessment Report and Proposed Remediation Workplan for additional details regarding site characterization and proposed remediation activities.

### 7.0 **REMEDIATION ACTIVITIES SUMMARY**

On August 24, 2020, remediation activities commenced at the Site. In accordance with the approved workplan, impacted soil affected above the NMOCD Closure Criteria was excavated and stockpiled on-site, pending final disposition at an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggesting BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

On August 24, 2020, Etech collected six (6) excavation confirmation soil samples (NWW1, NEW1, SWW1, FL1 @ 4', FL2 @ 4', and FL3 @ 4'). The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples with the exceptions of SWW1 and FL3 @ 4', which exhibited GRO+DRO concentrations of 1,260 mg/kg and 1,810 mg/kg, respectively.

On August 25, 2020, Etech collected nine (9) excavation confirmation soil samples (FL4 @4', FL5@4', FL6 @4', SWW #2, NEW #2, FL7 @ 4', FL8 @ 4', FL9 @ 4', and FL10 @ 4'). The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples with the exception of FL4 @ 4', which exhibited a GRO+DRO concentration of 1,040 mg/kg.

On August 26, 2020, Etech collected eight (8) excavation confirmation soil samples (FL11 @ 4', FL12 @ 4', FL13 @4', FL14 @4', FL15 @4', SWW3, NEW3, and SEW1). The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples with the exceptions of FL11 @ 4', FL12 @ 4', and FL15 @ 4', which exhibited GRO+DRO concentrations of 1,250 mg/kg, 1,980 mg/kg, and 1,130 mg/kg, respectively.

On September 9, 2020, excavation activities resumed at the Site. Impacted soil in the areas characterized by sample points NWW1, SWW1, FL3 @ 4', FL4 @ 4', FL11 @ 4', FL12 @ 4', and FL15 @ 4' was excavated and transported to an NMOCD-approved surface waste facility for disposal. Upon excavating impacted soil remaining in-situ, Etech collected seven (7) additional excavation confirmation soil samples (NWW1B, SWW1B, FL3 @5', FL4 @5', FL12 @5', and FL15 @5') and submitted them 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 the NMOCD Reclamation Standard in each of the submitted soil samples.

On September 10, 2020, Etech collected seven (7) excavation confirmation soil samples (FL 16 @ 5', FL 17 @ 5', FL 18 @ 5', FL 19 @ 5', FL 20 @ 5', SWW 4, and NEW 4). The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

A "Site & Sample Location Map" is provided as Figure 3. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided as Appendix C.

The final dimensions of the excavated area were 240 Ft. in length, 5 to 100 Ft. in width and ranged from 4 to 5 Ft. in depth. During the course of remediation activities approximately 640 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

### 8.0 **RESTORATION, RECLAMATION AND 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 area was contoured and/or compacted 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.

### 9.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with an approved Workplan. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and transported to an NMOCD-approved 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 Grizzly Energy, LLC provide copies of this Remediation Summary and Soil Closure Request to the appropriate agencies and request closure be granted to the Cole State #10 Site.

### **10.0 LIMITATIONS**

Etech Environmental & Safety Solutions, Inc., has prepared this Remediation Summary and 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 Grizzly Energy, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Grizzly Energy, LLC.

### **11.0 DISTRIBUTION**

Grizzly Energy, LLC 4001 Penbrook Suite 201 Odessa, TX 79762

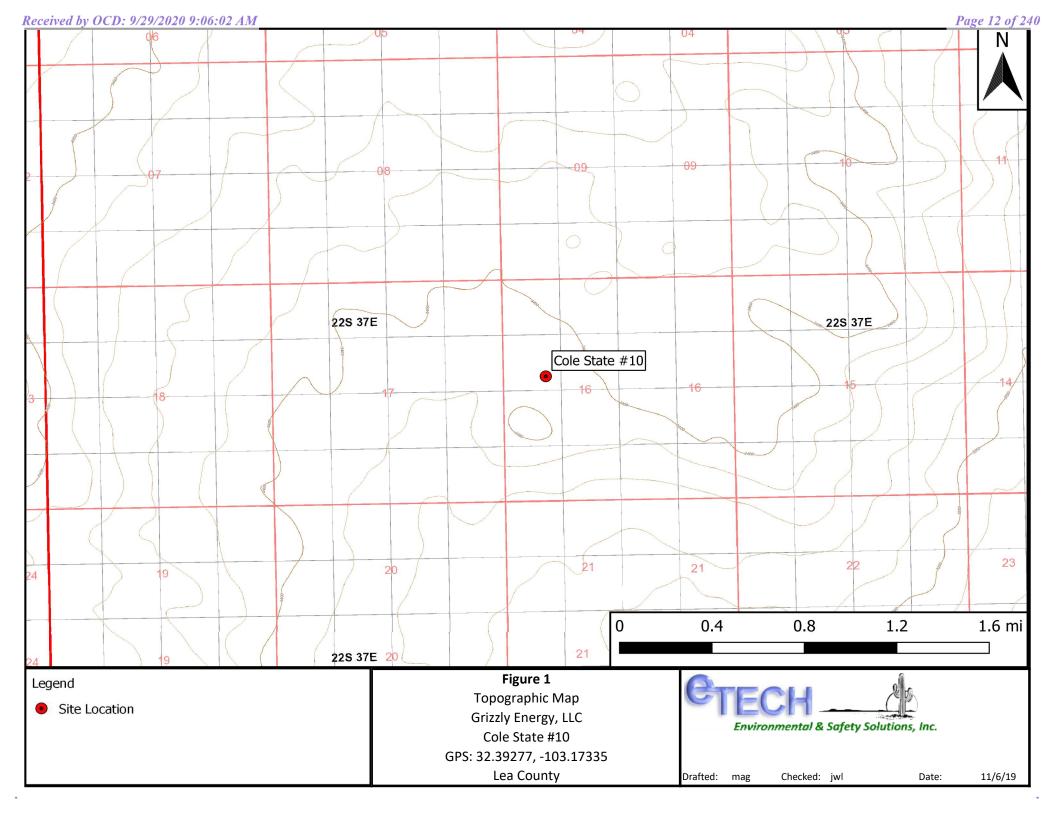
*New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1220 South St. Francis Drive Santa Fe, NM 87505* 

Hobbs Field Office New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

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# Figure 1 Topographic Map

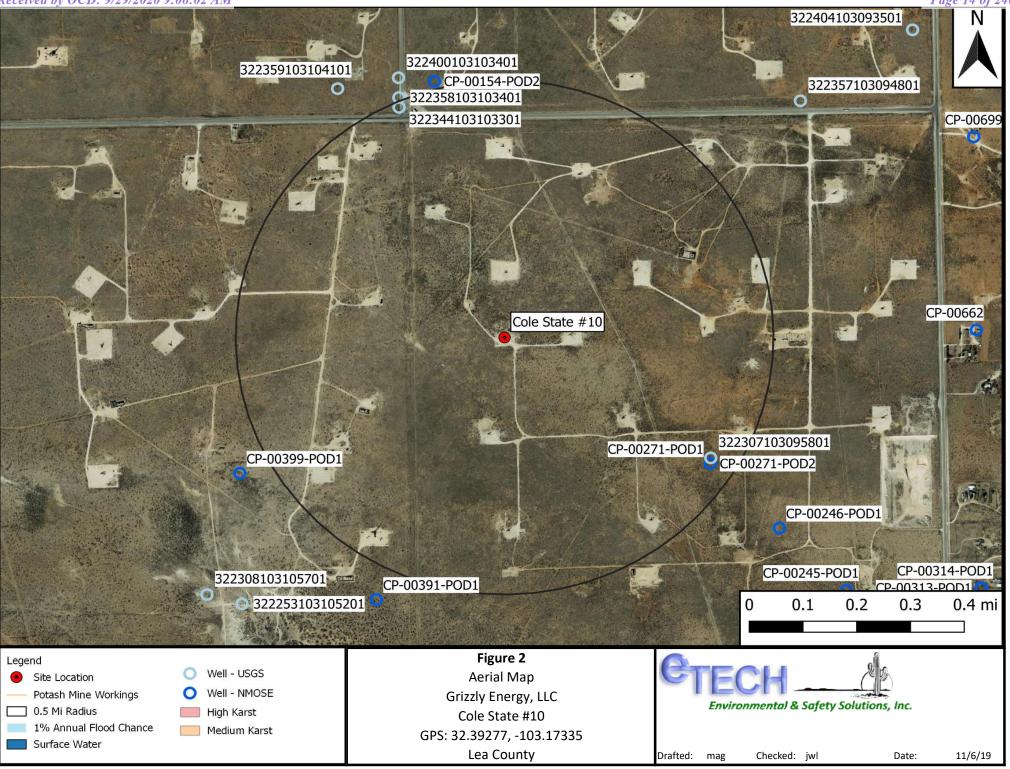


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# Figure 2 Aerial Proximity Map

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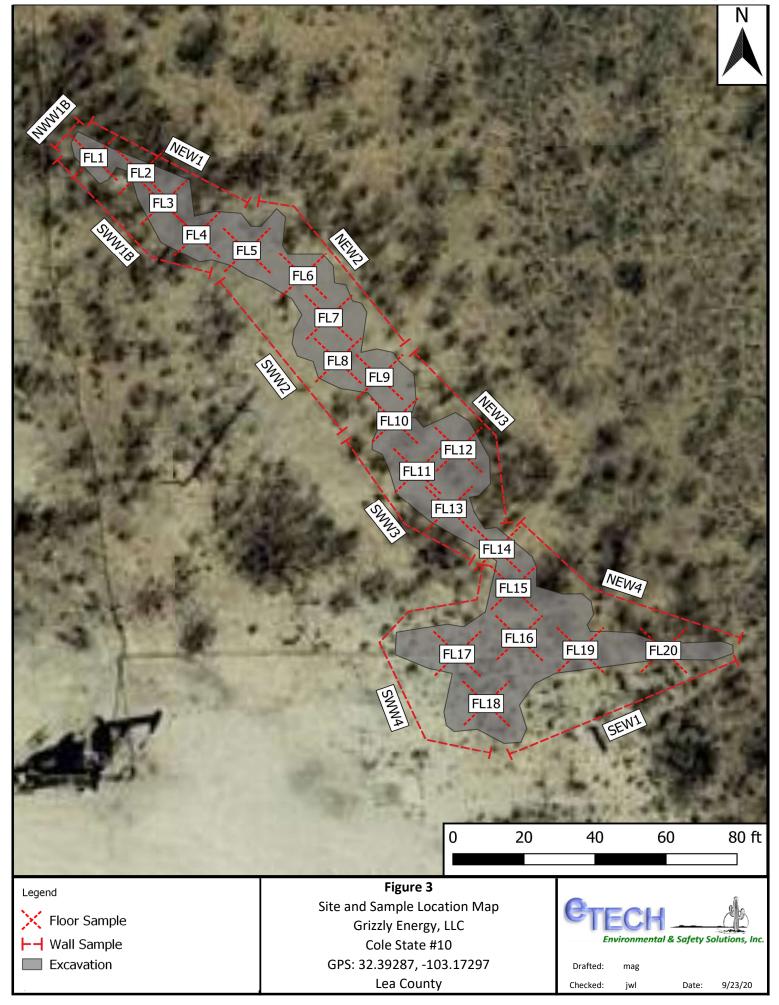
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# Figure 3 Site and Sample Location Map

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# Table 1Concentrations of BTEX, TPH, and/or Chloride in Soil

|                             |                        |            |                    |                  | TABI             |                |                 |                |                 |                      |                |
|-----------------------------|------------------------|------------|--------------------|------------------|------------------|----------------|-----------------|----------------|-----------------|----------------------|----------------|
|                             | CON                    | CENTR      | ATION              |                  | NZENE, B         |                |                 | HLORIDE        | E IN SOIL       | ı                    |                |
|                             |                        |            |                    | G                | rizzly End       |                |                 |                |                 |                      |                |
|                             |                        |            |                    |                  | Cole Sta         |                |                 |                |                 |                      |                |
|                             |                        |            |                    | NMOC             | D Ref. #: n      | nRM20006       | 535221          | -              | -               |                      |                |
|                             | CD Closure C           |            |                    | 10               | 50               | -              | -               | 1000           | -               | 2500                 | 10000          |
| NMOCD                       | Reclamation            | Standard   |                    | 10               | 50               | -              | -               | -              | -               | 100                  | 600            |
|                             |                        |            |                    | SW 840           | 5 8021B          |                | SW              | 846 8015M      | Ext.            |                      | 4500 Cl        |
| Sample ID                   | Date                   | Depth      | Soil<br>Status     | Benzene          | BTEX             | GRO            | DRO             | GRO +<br>DRO   | ORO             | TPH                  | Chloride       |
| _                           |                        | -          | Status             | (mg/kg)          | (mg/kg)          | $C_6-C_{10}$   | $C_{10}-C_{28}$ | C6-C28         | $C_{28}-C_{36}$ | $C_6 - C_{36}$       | (mg/kg)        |
|                             |                        |            |                    |                  |                  | (mg/kg)        | (mg/kg)         | (mg/kg)        | (mg/kg)         | (mg/kg)              |                |
| V 2 @ SURFACE               |                        | Surf       | Excavated          | 1.99             | 187              | 1,870          | 4,980           | 6,850          | 434             | 7,280                | 1,600          |
|                             | 11/5/2019              | Surf       | Excavated          | 5.49             | 445              | 11,200         | 45,000          | 56,200         | 6,930           | 63,100               | 1,200          |
| V 4 @ 1'                    | 11/5/2019              | 1'         | Excavated          | 0.349            | 89.7             | 846            | 2,880           | 3,730          | 213             | 3,940                | 464            |
|                             | 11/5/2019              | Surf       | Excavated          | 5.15             | 767              | 15,400         | 54,200          | 69,600         | 8,010           | 77,600               | <16.0          |
| SH 1 @ SURFACE              | 11/5/2019              | Surf       | In-Situ            | < 0.050          | 0.543            | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| SH 1 @ 1'                   | 11/5/2019              | 1'         | In-Situ            | < 0.050          | < 0.300          | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 16.0           |
| SH 2 @ SURFACE              |                        | Surf       | In-Situ            | < 0.050          | < 0.300          | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 32.0           |
| SH 2 @ 1'                   | 11/5/2019              | 1'         | In-Situ            | <0.050           | < 0.300          | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 16.0           |
| EH 1 @ SURFACE              |                        | Surf       | In-Situ            | <0.200           | <1.20            | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| EH 1 @ 1'                   | 11/5/2019              | 1'         | In-Situ            | <0.050           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| WH 1 @ SURFACE              | 11/5/2019              | Surf       | In-Situ            | <0.050           | <0.300           | <10.0          | 19.7            | 19.7           | <10.0           | 19.7                 | <16.0          |
| WH 1 @ 1'                   | 11/5/2019              | 1'         | In-Situ            | < 0.050          | < 0.300          | <10.0          | 10.5            | 10.5           | <10.0           | 10.5                 | <16.0          |
| V 1 @ 3.5' -R               | 11/8/2019              | 3.5'       | In-Situ            | < 0.050          | 3.08             | 51.5           | 612             | 664            | 55.2            | 719                  | 1,010          |
|                             |                        | 1.5'       | In-Situ            | < 0.050          | 0.319            | <10.0          | 190             | 190            | <10.0           | 190                  | 32.0           |
| WH 2 @ SURFACE              | 11/8/2019              | Surf<br>1' | In-Situ            | <0.050           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| WH 2 @ 1'                   | 11/8/2019              | -          | In-Situ            | <0.050           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 496            |
| WH 3 @ SURFACE              | 11/8/2019              | Surf<br>1' | In-Situ            | <0.050           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| WH 3 @ 1'                   | 11/8/2019              |            | In-Situ            | <0.050<br><0.050 | <0.300<br><0.300 | <10.0<br><10.0 | <10.0<br><10.0  | <20.0<br><20.0 | <10.0<br><10.0  | <30.0<br><30.0       | 272            |
| WH 4 @ SURFACE<br>WH 4 @ 1' | 11/8/2019              | Surf<br>1' | In-Situ            | <0.030           |                  | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
|                             | 11/8/2019<br>11/8/2019 |            | In-Situ<br>In-Situ | <0.030           | <0.300<br><0.300 | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 32.0<br><16.0  |
| WH 5 @ SURFACE<br>WH 5 @ 1' | 11/8/2019              | Surf<br>1' |                    | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                |                |
| EH 2 @ SURFACE              |                        | Surf       | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0<br><16.0 |
| EH 2 @ SURFACE<br>EH 2 @ 1' | 11/8/2019              | 1'         | In-Situ            | <0.050           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
|                             |                        | Surf       | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 16.0           |
| EH 3 @ SURFACE<br>EH 3 @ 1' | 11/8/2019              | 1'         | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 240            |
| EH 4 @ SURFACE              |                        | Surf       | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 32.0           |
| EH 4 @ SURFACE<br>EH 4 @ 1' | 11/8/2019              | 1'         | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| EH 5 @ SURFACE              |                        | Surf       | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| EH 5 @ SURFACE<br>EH 5 @ 1' | 11/8/2019              | 1'         | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | 16.0           |
| NH 1 @ SURFACE              |                        | Surf       | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| NH 1 @ SURFACE<br>NH 1 @ 1' | 11/8/2019              | 1'         | In-Situ<br>In-Situ | <0.030           | <0.300           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | <16.0          |
| V 3 @ 4'                    | 12/6/2019              | 4'         | In-Situ            | <0.050           | 0.917            | 35.1           | 758             | 793            | 106             | < <u>30.0</u><br>899 | 1,150          |
| V 4 @ 3'                    | 12/6/2019              | 3'         | In-Situ            | <0.050           | <0.300           | <10.0          | 468             | 468            | 86.4            | 554                  | 64.0           |
| V 4 @ 3<br>V5 @ 3'          | 12/6/2019              | 3'         | Excavated          | -0.050           | -0.500           | -10.0          | -               | -              | -               | -<br>-               | 96.0           |
| V 1 @ 4'                    | 12/0/2020              | 4'         | Excavated          | < 0.050          | 1.00             | 37.9           | 5,990           | 6,030          | 1,450           | 7,480                | 528            |
| V 2 @ 4'                    | 12/23/2019             | 4'         | In-Situ            | < 0.050          | < 0.300          | 11.7           | 697             | 709            | 173             | 882                  | 896            |
| V 4 @ 4'                    | 12/23/2019             | 4'         | Excavated          | <0.030           | <0.300<br>0.974  | 50.7           | 6,970           | 7,020          | 1,500           | <b>8,520</b>         | 80.0           |
| V 5 @ 4'                    | 12/23/2019             | 4'         | In-Situ            | <0.050           | < 0.300          | <10.0          | 654             | 654            | 1,500           | 810                  | 64.0           |
| V 1 @ 5'                    | 2/19/2020              | 5'         | In-Situ            | -0.050           | -0.500           | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | -              |
| V 1 @ 5'                    | 2/19/2020              | 6'         | In-Situ            | -                | -                | <10.0          | <10.0           | <20.0          | <10.0           | <30.0                | -              |
| v 1 (0, 0                   | 211912020              | 0          | m-snu              | -                | -                | ~10.0          | ×10.0           | ~20.0          | ~10.0           | ~30.0                | -              |

#### NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

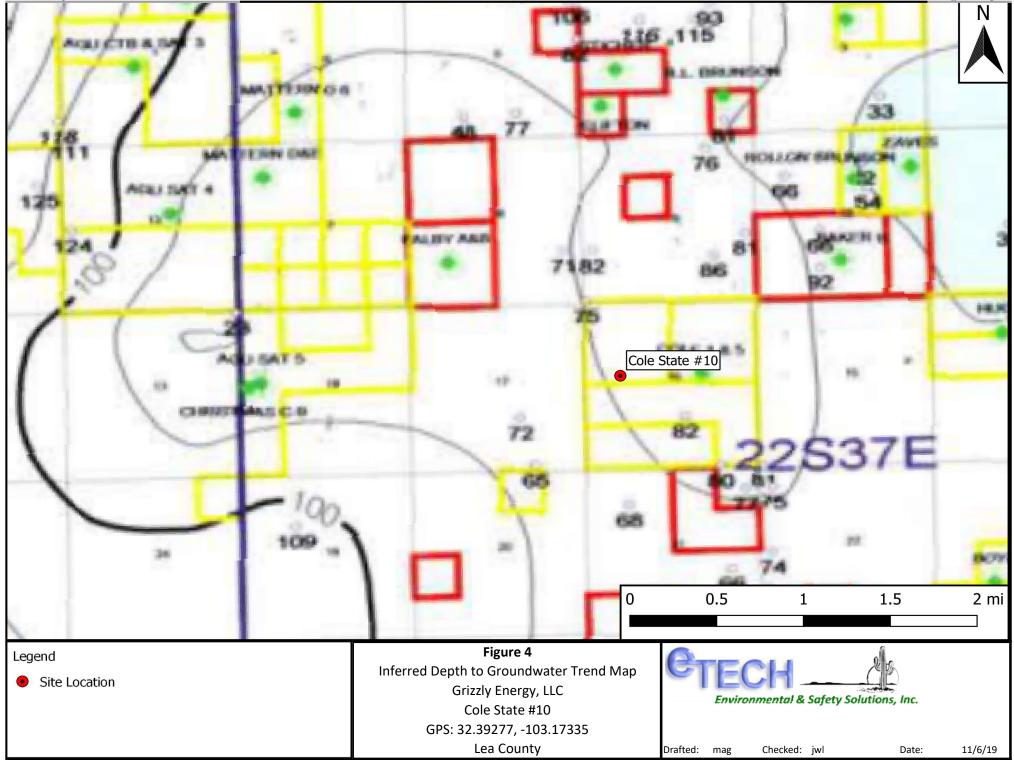
|                          | CON                    | CENTE      |                    |                      | TAB                     |   |  |  | <b>N</b> COU                                       |                          |                     |
|--------------------------|------------------------|------------|--------------------|----------------------|-------------------------|---|--|--|--|--------------------------|---------------------|
|                          | CON                    | CENTR      | ATION              |                      | NZENE, B                | · · · · ·   |  | HLORIDI  | E IN SOIL  | ı                        |                     |
|                          |                        |            |                    | e                    | Grizzly End             |   | /  |  |  |                          |                     |
|                          |                        |            |                    | NMOC                 | Cole Sta<br>D Ref. #: r |   | (25))1   |  |  |                          |                     |
| NMO                      | CD Closure C           | witawia    |                    |                      | 50 Ster                 |   | 1  | 1000   | [  | 2500                     | 10000               |
|                          | Reclamation            |            |                    | 10<br>10             | 50                      | -   | -  | 1000   | -  | 100                      | 10000<br>600        |
|                          | Reclamation            | Standaru   |                    | -                    | 50<br>6 8021B           | -   | -<br>SM  | -<br>/ 846 8015M [   | -<br>Fyt   | 100                      | 4500 Cl             |
| Sample ID                | Date                   | Depth      | Soil<br>Status     | Benzene<br>(mg/kg)   | BTEX<br>(mg/kg)         | GRO<br>C <sub>6</sub> -C <sub>10</sub><br>(mg/kg) | DRO<br>C <sub>10</sub> -C <sub>28</sub><br>(mg/kg) | GRO +<br>DRO<br>C <sub>6</sub> -C <sub>28</sub><br>(mg/kg) | ORO<br>C <sub>28</sub> -C <sub>36</sub><br>(mg/kg) | TPH<br>C6-C36<br>(mg/kg) | Chloride<br>(mg/kg) |
| V 4 @ 8'                 | 2/19/2020              | 8'         | In-Situ            | _                    | _                       | <10.0   | <10.0  | <20.0  | <10.0  | <30.0                    | _                   |
| V 4 @ 9'                 | 2/19/2020              | 9'         | In-Situ            | _                    | _                       | <10.0   | <10.0  | <20.0  | <10.0  | <30.0                    | _                   |
| NWW1                     | 8/24/2020              | N/A        |                    | < 0.00199            | <0.00199                | <50.0   | 420  | 420  | <50.0  | 420                      | 9.90                |
| NEW1                     | 8/24/2020              | N/A        |                    |                      |                         | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 11.7                |
| SWW1                     | 8/24/2020              | N/A        | Excavated          |                      | <0.00200                | <49.9   | 1,260  | 1,260  | 117  | 1,380                    | 63.4                |
| FL1 @ 4'                 | 8/24/2020              | 4'         |                    |                      | < 0.00200               | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 490                 |
| FL2 @ 4'                 | 8/24/2020              | 4'         |                    | <0.00199             |                         | <49.9   | 228  | 228  | <49.9  | 228                      | 218                 |
| FL3 @ 4'                 | 8/24/2020              | 4'         | Excavated          | <0.00199             | 0.215                   | 226   | 1,580  | 1,810  | 120  | 1,930                    | 441                 |
| FL4 @4'                  | 8/25/2020              | 4'         |                    | < 0.00201            |                         | <49.9   | 1,040  | 1,040  | 120  | 1,930                    | 93.6                |
| FL5@4'                   | 8/25/2020              | 4'         |                    |                      | < 0.00200               | <49.8   | 621  | 621  | 59.0   | 680                      | 1,090               |
| FL6 @4'                  | 8/25/2020              | 4'         |                    | <0.00198             |                         | <50.0   | 483  | 483  | <50.0  | 483                      | 1,090               |
| SWW #2                   | 8/25/2020              | ч<br>N/A   |                    | < 0.00200            |                         | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 9.19                |
| NEW #2                   | 8/25/2020              | N/A        |                    | <0.00200             |                         | <49.9   | <49.9  | <49.9  | <49.9  | <49.9                    | 72.5                |
| FL7 @ 4'                 | 8/25/2020              | 4'         |                    | < 0.00199            |                         | <49.9   | 156  | 156  | <49.9  | 156                      | 864                 |
| FL8 @ 4'                 | 8/25/2020              | 4'         |                    | <0.00200             |                         | <50.0   | 130  | 130  | <50.0  | 130                      | 1,990               |
| FL9 @ 4'                 | 8/25/2020              | 4'         |                    | < 0.00199            |                         | <49.8   | 71.9   | 71.9   | <49.8  | 71.9                     | 628                 |
| FL10 @ 4'                | 8/25/2020              | 4'         | In-Situ            |                      | < 0.00198               | <50.0   | 958  | 958  | 89.1   | 1,050                    | 1,690               |
| FL11 @ 4'                | 8/26/2020              | 4'         | Excavated          |                      | <0.00200                | <49.9   | 1,250  | 1,250  | 94.1   | 1,340                    | 1,630               |
| FL12 @ 4'                | 8/26/2020              | 4'         | Excavated          |                      | < 0.00199               | <50.0   | 1,230  | 1,230  | 119  | 2,100                    | 1,030               |
| FL12 @ 4<br>FL13 @4'     | 8/26/2020              | 4'         |                    | <0.00200             |                         | <49.9   | 1,980  | 1,980  | <49.9  | 141                      | 1,720               |
| FL13 @4<br>FL14 @4'      | 8/26/2020              | 4'         |                    |                      | < 0.00198               | <49.9   | 300  | 300  | <49.9  | 300                      | 1,370               |
| FL14 @4<br>FL15 @4'      | 8/26/2020              | 4'         |                    | <0.00198             | 0.161                   | < <u>49.9</u><br>69.5                             | 1,060  | 1,130  | 78.2   | 1,210                    | 1,190               |
| SWW3                     | 8/26/2020              | 4<br>N/A   |                    | <0.00199             | < 0.00201               | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 11.3                |
| NEW3                     |                        |            |                    |                      |                         |   |  |  |  |                          |                     |
| SEW1                     | 8/26/2020<br>8/26/2020 | N/A<br>N/A |                    | <0.00199<br><0.00199 |                         | <49.9<br><49.9                                    | <49.9<br><49.9                                     | <49.9<br><49.9   | <49.9<br><49.9                                     | <49.9<br><49.9           | 262<br>9.78         |
| NWW1B                    | 9/9/2020               | N/A        | In-Situ<br>In-Situ | <0.00199<br>-        | <0.00199                | <49.9   | <49.9<br><49.9                                     | <49.9<br><49.9   | <49.9  | <49.9                    | 9.70                |
| SWW1B                    | 9/9/2020               | N/A<br>N/A | In-Situ<br>In-Situ |                      | -                       | <49.9   | <49.9  | <49.9  | <49.9  | <49.9                    | -                   |
| FL3 @5'                  | 9/9/2020               | 5'         | In-Situ<br>In-Situ |                      | -                       | <50.2   | <50.2  | <50.2  | <50.2  | <50.2                    |                     |
| FL3 @3<br>FL4 @5'        | 9/9/2020               | 5'         | In-Situ<br>In-Situ | -                    | -                       | <49.8   | <49.8  | <49.8  | <49.8  | <49.8                    |                     |
| FL4 @5<br>FL11 @5'       | 9/9/2020               | 5'         | In-Situ<br>In-Situ | -                    | -                       | <49.8   | <49.8  | <49.8  | <49.8  | <49.8                    | -                   |
| FL11 @5<br>FL12 @5'      | 9/9/2020               | 5'         | In-Situ<br>In-Situ |                      | -                       | <50.2   | <50.2  | <50.2  | <50.2  | <50.2                    |                     |
| FL12 @5<br>FL15 @5'      | 9/9/2020               | 5'         | In-Situ<br>In-Situ |                      | -                       | <50.2   | <50.2  | <50.2  | <50.2  | <50.2                    | -                   |
| FL15 @5<br>FL 16 @ 5'    | 9/9/2020               | 5'         |                    | - <0.00202           | -<0.00202               | <50.2   | <50.2  | <50.2  | <50.2  | <50.2                    | 241                 |
| FL 10 @ 5<br>FL 17 @ 5'  | 9/10/2020              | 5'         |                    | <0.00202<br><0.00199 |                         | <30.2   | <30.2  | <30.2  | <30.2  | <30.2                    | 241                 |
| FL 17 @ 5'<br>FL 18 @ 5' |                        | 5'         |                    |                      | <0.00199                | <50.1   |  |  |  |                          | 235<br>245          |
|                          | 9/10/2020              | 5'         |                    |                      |                         | <50.1   | <50.1  | <50.1  | <50.1  | <50.1                    |                     |
| FL 19 @ 5'<br>FL 20 @ 5' | 9/10/2020              |            |                    | <0.00201             | <0.00201                |   | <50.3  | <50.3  | <50.3  | <50.3                    | 254                 |
| FL 20 @ 5'               | 9/10/2020              |            |                    | < 0.00201            | < 0.00201               | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 137                 |
| SWW 4                    | 9/10/2020              | N/A        | in-Situ            | < 0.00201            | < 0.00201               | <50.0   | <50.0  | <50.0  | <50.0  | <50.0                    | 97.8                |

•

# Appendix A Depth to Groundwater Information

Received by OCD: 9/29/2020 9:06:02 AM

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322400103103401 Ν 322357103094801 322359103104101 Ogallala Ogallala Ogallala 1953-09-29: 72.74 ft 1953-09-29: 85.51 ft 1991-05-02: 71.48 ft 322344103103301 322358103103401 Ogallala N/A 1996-03-08: 74.66 ft 1968-03-07: 81.69 ft Cole State #10 322307103095801 Ogallala 1996-02-27: 82.23 ft 322308103105701 322253103105201 Alluvium, Bolson Alluvium, Bolson 1981-03-18: 71.86 ft 1996-02-15: 64.52 ft 0.2 0.3 0 0.1 0.4 mi Figure 5 Legend USGS Well Proximity Map Site Location Grizzly Energy, LLC Well - USGS 0 Environmental & Safety Solutions, Inc. Cole State #10

Received by OCD: 9/29/2020 9:06:02 AM

GPS: 32.39277, -103.17335 Lea County

Drafted: mag Checked: jwl

Date: 11/6/19

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### New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

|              | adius Search (in mete | <b>_</b> / <b>_</b>             |                       |
|--------------|-----------------------|---------------------------------|-----------------------|
| Easting (X): | 6/1809./9             | <b>Northing (Y):</b> 3585440.13 | <b>Radius:</b> 804.67 |

11/6/19 11:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(R=POD has (A CLW###### in the POD suffix indicates the been replaced, POI & n wate

| *UTM location was derived               | from PLSS ·           | see Help      | )          |     |             |   |      |        |                      |                      |                      |                  |            |         |                |
|---|-----------------------|---------------|------------|-----|-------------|---|------|--------|----------------------|----------------------|----------------------|------------------|------------|---------|----------------|
| <b>Easting (X):</b> 671                 | 809.79                |               | North      | ing | <b>(Y</b> ) | : | 3585 | 440.13 |                      |                      | Radius: 1610         |                  |            |         |                |
| UTMNAD83 Radius                         | <u>Search (in</u>     | meters        | ) <u>:</u> |     |             |   |      |        |                      |                      |                      |                  |            |         |                |
| Record Count: 12                        |                       |               |            |     |             |   |      |        |                      |                      |                      |                  |            |         |                |
|   |                       |               |            |     |             |   |      |        |                      |                      |                      | Maximum Dep      | oth:       | 180 fee | t              |
|   |                       |               |            |     |             |   |      |        |                      |                      |                      | Minimum De       | oth:       | 73 fee  | t              |
|   |                       |               |            |     |             |   |      |        |                      |                      | Averag               | ge Depth to Wate | er:        | 106 fee | t              |
| <u>CP 00684</u>                         |                       | СР            | LE         |     | 1           | 1 | 15   | 22S    | 37E                  | 673316               | 3585967* 🌍           | 1595             | 200        | 180     | 20             |
| <u>CP 00674</u>                         |                       | СР            | LE         |     | 1           | 1 | 15   | 22S    | 37E                  | 673316               | 3585967* 🌍           | 1595             | 100        | 75      | 25             |
| <u>CP 01806 POD1</u>                    |                       | СР            | LE         | 1   | 3           | 3 | 15   | 22S    | 37E                  | 673260               | 3584788 🌍            | 1590             | 162        | 95      | 67             |
| <u>CP 00709</u>                         |                       | СР            | LE         |     | 1           | 3 | 15   | 22S    | 37E                  | 673331               | 3585163* 🌍           | 1546             | 200        | 87      | 113            |
| <u>CP 00699</u>                         |                       | СР            | LE         | 1   | 1           | 1 | 15   | 22S    | 37E                  | 673215               | 3586066* 🌍           | 1538             | 163        | 100     | 63             |
| <u>CP 00662</u>                         |                       | СР            | LE         | 3   | 3           | 1 | 15   | 22S    | 37E                  | 673223               | 3585464* 🌍           | 1413             | 180        | 150     | 30             |
| <u>CP 00245 POD1</u>                    |                       | СР            | LE         | 3   | 4           | 4 | 16   | 22S    | 37E                  | 672835               | 3584652* 🌍           | 1293             | 136        |         |                |
| <u>CP 01353 POD1</u>                    |                       | СР            | LE         | 3   | 1           | 3 | 09   | 22S    | 37E                  | 671514               | 3586640 🌍            | 1236             | 93         | 73      | 20             |
| <u>CP 00871</u>                         |                       | СР            | LE         |     |             | 3 | 09   | 22S    | 37E                  | 671902               | 3586541* 🌍           | 1104             | 167        | 94      | 73             |
| <u>CP 00246 POD1</u>                    |                       | СР            | LE         | 2   | 3           | 4 | 16   | 22S    | 37E                  | 672633               | 3584845* 🌍           | 1015             | 135        |         |                |
| <u>CP 00391 POD1</u>                    |                       | СР            | LE         | 4   | 4           | 4 | 17   | 22S    | 37E                  | 671426               | 3584623* 🌍           | 902              | 96         |         |                |
| <u>CP 00154 POD2</u>                    |                       | СР            | LE         |     |             |   | 09   | 22S    |                      | 671600               | 3586239* 🌍           | 825              | 172        |         |                |
| POD Number                              | Code                  | Sub-<br>basin | County     |     | Q<br>16     | - | Sec  | Tws    | Rng                  | X                    | Y                    | DistanceDep      | othWellDen |         | /ater<br>olumn |
|   | closedy               | POD           |            |     | 1           |   |      |        |                      | 5, (                 |                      | ,                | ,          | ,       |                |
| & no longer serves a water right file.) | C=the file<br>closed) | e is          |            |     | •           |   |      |        | 2=NE .<br>st to larg | 3=SW 4=S<br>gest) (1 | E)<br>VAD83 UTM in m | eters)           | (In t      | feet)   |                |

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

11/6/19 11:59 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

|                           |                | (quarters are smallest to           | E 3=SW 4=SE)<br>largest) | (NAD83 U | TM in meters)     |
|---------------------------|----------------|-------------------------------------|--------------------------|----------|-------------------|
| Well Tag                  | POD Number     | Q64 Q16 Q4 Sec                      | Tws Rng                  | Х        | Y                 |
|                           | CP 00245 POD1  | 3 4 4 16                            | 228 37E                  | 672835   | 3584652* 🌍        |
| Driller Lic               |                | Driller Company:                    |                          |          |                   |
| Driller Na                | me:            |                                     |                          |          |                   |
| Driller Na<br>Drill Start |                | Drill Finish Date:                  | 02/17/1947               | Plu      | ıg Date:          |
|                           | Date:          | Drill Finish Date:<br>PCW Rcv Date: | 02/17/1947               |          | ıg Date:<br>urce: |
| Drill Start               | Date:<br>late: |                                     | 02/17/1947               | So       | 0                 |

\*UTM location was derived from PLSS - see Help

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.

11/6/19 12:00 PM

|   |               | (quarters are smallest to           | largest)   | (NAD83 U | TM in meters)     |
|---|---------------|-------------------------------------|------------|----------|-------------------|
| Well Tag  | POD Number    | Q64 Q16 Q4 Sec                      | Tws Rng    | Х        | Y                 |
|   | CP 00246 POD1 | 2 3 4 16                            | 228 37E    | 672633   | 3584845* 🌍        |
| Driller Lic   | ense:         | Driller Company:                    |            |          |                   |
|   |               |                                     |            |          |                   |
| Driller Na  | me:           |                                     |            |          |                   |
|   |               | Drill Finish Date:                  | 05/17/1949 | Ph       | ıg Date:          |
| Drill Start   | Date:         | Drill Finish Date:<br>PCW Rcv Date: | 05/17/1949 |          | ıg Date:<br>urce: |
| Driller Na<br>Drill Start<br>Log File D<br>Pump Typ | Date:<br>ate: |                                     |            | So       | 0                 |

\*UTM location was derived from PLSS - see Help

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11/6/19 12:00 PM

|                           |               | (quarters are sm                | allest to large | (NAD83 U | TM in meters) |                   |                   |
|---------------------------|---------------|---------------------------------|-----------------|----------|---------------|-------------------|-------------------|
| Well Tag                  | POD Number    | Q64 Q16 Q4                      | Sec Tw          | Х        | Y             |                   |                   |
|                           | CP 00391 POD1 | 4 4 4                           | 17 228          | 5 37E    | 671426        | 3584623* 🌍        |                   |
|                           |               | Driller Compa                   |                 |          |               |                   |                   |
| Driller Na<br>Drill Start |               | Drill Finish Da                 | ·               |          | Pl            | ug Date:          |                   |
|                           | Date:         | Drill Finish Da<br>PCW Rcv Date | ate:            |          |               | ug Date:<br>urce: | Shallow           |
| Drill Start               | Date:<br>ate: |                                 | nte:<br>e:      |          | So            | 0                 | Shallow<br>10 GPM |

\*UTM location was derived from PLSS - see Help

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|                   |                    | (quarters)<br>(quarter) |                                  |        |       | ,         | (NAD83 U  | TM in meters)  |          |
|-------------------|--------------------|-------------------------|----------------------------------|--------|-------|-----------|-----------|----------------|----------|
| Well Tag PO       | D Number           | Q64 Q                   | 16 Q4                            | Sec    | Tws   | Rng       | Х         | Y              |          |
| СР                | 00662              | 3                       | 3 3 1 15 228 37E 673223 3585464* |        |       |           |           |                |          |
| Driller License:  | 764                | Driller C               | ompa                             | ny:    | В &   | A WAT     | ER WELL   | SERVICE        |          |
| Driller Name:     | SELMAN, AL         |                         |                                  |        |       |           |           |                |          |
| Drill Start Date: | 07/16/1983         | Drill Fin               | ish Da                           | te:    | 0′    | 7/20/1983 | 3 Pl      | ug Date:       |          |
| Log File Date:    | 08/09/1983         | PCW Rc                  | v Dat                            | e:     |       |           | Se        | ource:         | Shallow  |
| Pump Type:        |                    | Pipe Dise               | charge                           | e Size | :     |           | Es        | stimated Yield | :        |
| Casing Size:      | 6.00               | Depth W                 | ell:                             |        | 18    | 30 feet   | D         | epth Water:    | 150 feet |
| Wat               | er Bearing Stratif | ications:               | Т                                | op E   | ottom | Descri    | ption     |                |          |
|                   | _                  |                         | 1                                | 50     | 170   | Sandsto   | one/Grave | l/Conglomerate | ;        |
| x                 | Casing Perf        | orations:               | Т                                | op E   | ottom |           |           |                |          |
|                   |                    |                         | 1                                | 50     | 180   |           |           |                |          |

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|                   |                       | (quarters are 1=N<br>(quarters are sma |            | ,         | (NAD83 U    | JTM in meters)  |         |
|-------------------|-----------------------|--|------------|-----------|-------------|-----------------|---------|
| Well Tag PO       | D Number              | Q64 Q16 Q4                             | Sec Tw     | s Rng     | Х           | Y               |         |
| СР                | 00674                 | 1 1                                    | 3585967* 🌍 |           |             |                 |         |
| Driller License:  | 208                   | Driller Compar                         | iy: N      | YAN NOY,  | W.L.        |                 |         |
| Driller Name:     | VAN NOY, W.L.         |  |            |           |             |                 |         |
| Drill Start Date: | 03/19/1985            | Drill Finish Dat                       | e:         | 03/27/198 | 85 P        | lug Date:       |         |
| Log File Date:    | 04/08/1985            | PCW Rcv Date                           | :          |           | S           | ource:          | Shallow |
| Pump Type:        |                       | Pipe Discharge                         | Size:      |           | E           | stimated Yield: | 3 GPM   |
| Casing Size:      | 7.00                  | Depth Well:                            |            | 100 feet  | D           | epth Water:     | 75 feet |
| wat               | ter Bearing Stratific | cations: To                            | p Botte    | om Descr  | ription     |                 |         |
|                   |                       | 7                                      | 5 1        | 00 Sands  | stone/Grave | l/Conglomerate  |         |
| X                 | Casing Perfo          | orations: To                           | p Botte    | m         |             |                 |         |
|                   |                       | 8                                      | 5 1        | 00        |             |                 |         |

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|                   |                      | (quarters)<br>(quarter) |                    |      |             |           | (NAD83 U               | TM in meters)  |         |
|-------------------|----------------------|-------------------------|--------------------|------|-------------|-----------|------------------------|----------------|---------|
| Well Tag POE      | ) Number             | Q64 Q                   | 16 Q4              | Sec  | Tws         | Rng       | Х                      | Y              |         |
| CP                | 00684                |                         | 1 1                | 15   | 22S         | 37E       | 673316 3585967* 🧧      |                |         |
| Driller License:  | 208                  | Driller C               | ompa               | ny:  | VAI         | N NOY, V  | V.L.                   |                |         |
| Driller Name:     | VAN NOY, W.L.        |                         |                    |      |             |           |                        |                |         |
| Drill Start Date: |                      |                         | Drill Finish Date: |      |             | 8/01/1985 | Pl                     |                |         |
| Log File Date:    | 0                    |                         | v Date             | :    |             |           | So                     | ource:         | Shallow |
| Pump Type:        |                      | Pipe Dise               | Size               | :    |             | Es        | <b>Estimated Yield</b> |                |         |
| Casing Size:      | 5.00                 | Depth W                 |                    | 20   | 00 feet     | De        | Depth Water:           |                |         |
| Wate              | er Bearing Stratific | ations:                 | То                 | op E | Bottom      | Descrip   | otion                  |                |         |
|                   |                      |                         | 17                 | 75   | 180         | Sandsto   | one/Grave              | l/Conglomerate |         |
|                   |                      |                         | 18                 | 30   | 200 Other/U |           | Jnknown                |                |         |
| X                 | Casing Perfo         | rations:                | То                 | op E | ottom       |           |                        |                |         |
|                   |                      |                         | 18                 | 30   | 200         |           |                        |                |         |

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|                   |                      | • •                              | ers are 1=N<br>ters are sm |      |        |          | (NAD83 U   | JTM in meters)  |          |
|-------------------|----------------------|----------------------------------|----------------------------|------|--------|----------|------------|-----------------|----------|
| Well Tag POI      | ) Number             | Q64                              | Q16 Q4                     | Sec  | Tws    | Rng      | Х          | Y               |          |
| СР                | 00699                | 1 1 1 15 22S 37E 673215 3586066* |                            |      |        |          |            |                 |          |
| Driller License:  | 982                  | Driller                          | Compa                      | ny:  | EA     | DES, GE  | ENE        |                 |          |
| Driller Name:     | EADES, GENE          |                                  |                            |      |        |          |            |                 |          |
| Drill Start Date: | 06/02/1986           | Drill F                          | inish Da                   | te:  | 06     | 5/02/198 | 6 P        | lug Date:       |          |
| Log File Date:    | 07/11/1986           | PCW                              | Rcv Date                   | :    |        |          | Se         | ource:          | Shallow  |
| Pump Type:        |                      | Pipe D                           | ischarge                   | Size | :      |          | E          | stimated Yield: | 6 GPM    |
| Casing Size:      | 5.75                 | Depth                            | Well:                      |      | 16     | 53 feet  | D          | epth Water:     | 100 feet |
| Wat               | er Bearing Stratific | ations:                          | Та                         | op E | Bottom | Descri   | iption     |                 |          |
|                   |                      |                                  | 10                         | 00   | 163    | Sandst   | tone/Grave | l/Conglomerate  |          |
| X                 | Casing Perfo         | rations:                         | То                         | op E | Bottom |          |            |                 |          |
|                   |                      |                                  | 12                         | 23   | 163    |          |            |                 |          |

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|---------------|-----------------------------|------------------------------|------------------------------------|--------|---------|-------------|----------------|---------|--|
| Well Tag      | POD Number                  | Q64 Q16                      |                                    | •      | ,<br>,  | X           | Y              |         |  |
|               | CP 00709                    | 1                            | 3 1:                               | 5 228  | 37E     | 673331      | 3585163* 🌍     |         |  |
| Driller Licen | se: 657                     | Driller Co                   | npany:                             | OL     | DAKEF   | R & SONS    |                |         |  |
| Driller Name  | : OLDAKER, G                | EORGE D.(DECE                | EASED)                             | )      |         |             |                |         |  |
| Drill Start D | rill Start Date: 04/28/1987 |                              | Drill Finish Date: 04/29/1987      |        |         |             | Plug Date:     |         |  |
| Log File Date | e: 08/31/1988               | PCW Rev                      | Date:                              |        | Se      | ource:      | Shallow        |         |  |
| Pump Type:    |                             | Pipe Disch                   | Pipe Discharge Size: Estimated Yie |        |         |             |                |         |  |
| Casing Size:  | 6.00                        | Depth Wel                    | l:                                 | 20     | 00 feet | D           | epth Water:    | 87 feet |  |
| x             | Water Bearing Strat         | tifications:                 | Тор                                | Bottom | Desci   | ription     |                |         |  |
|               |                             |                              | 60                                 |        |         | stone/Grave | l/Conglomerate |         |  |
| X             | Casing Pe                   | erforations:                 | Тор                                | Bottom |         |             |                |         |  |
|               |                             |                              | 117                                | 147    |         |             |                |         |  |

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|------------------|----------------------|--------------------------|----------------------|-----|-------|------------------------------|------------|-----------------|---------|
| Well Tag PC      | D Number             | Q64 Q1                   | 6 Q4                 | Sec | Tws   | Rng                          | X          | Y               |         |
| CP               | 00871                |                          | 3                    | 09  | 22S   | 37E                          | 671902     | 3586541* 🧧      |         |
| Driller License  | : 1044               | Driller Co               | ompan                | y:  | EA    | DES WI                       | ELL DRIL   | LING & PUMP     | SERVICE |
| Driller Name:    | EADES, ALAN          |                          |                      |     |       |                              |            |                 |         |
| Drill Start Date | e: 09/29/1997        | Drill Finis              | sh Dat               | e:  | 09    | 0/29/199                     | 97 P       | lug Date:       |         |
| Log File Date:   |                      |                          | PCW Rcv Date:        |     |       |                              |            | ource:          | Shallow |
| Pump Type:       |                      | Pipe Disc                | Pipe Discharge Size: |     |       |                              |            | stimated Yield  | :       |
| Casing Size:     | 5.75                 | Depth We                 | ell:                 |     | 16    | 57 feet                      | D          | epth Water:     | 94 feet |
| Wa               | ter Bearing Stratifi | cations:                 | Тор                  | ) B | ottom | Descr                        | iption     |                 |         |
|                  |                      |                          | 124                  | 1   | 145   | Sandstone/Gravel/Conglomerat |            | e               |         |
|                  |                      |                          | 145                  | 5   | 164   | Sands                        | tone/Grave | el/Conglomerate | e       |
| X                | Casing Perf          | orations:                | Тор                  | ) B | ottom |                              |            |                 |         |
|                  |                      |                          | 147                  | 7   | 167   |                              |            |                 |         |

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|                  |                     | (quarters a<br>(quarters |               |      |       |          | (NAD83 UT | M in meters)  |         |
|------------------|---------------------|--------------------------|---------------|------|-------|----------|-----------|---------------|---------|
| Well Tag PC      | D Number            | Q64 Q1                   | 6 Q4 🖇        | Sec  | Tws   | Rng      | Х         | Y             |         |
| СР               | 01353 POD1          | 3 1                      | 3             | 09   | 22S   | 37E      | 671514    | 3586640 🌍     |         |
| Driller License  | 1292                | Driller Co               | ompan         | y:   | BE    | NTLE W   | VATER WEI | LL SERVICE    |         |
| Driller Name:    | BENTLE, BILLY       | ′ L.                     |               |      |       |          |           |               |         |
| Drill Start Date | : 05/04/2015        | Drill Fini               | sh Dat        | e:   | 0     | 5/18/201 | 5 Plu     | g Date:       |         |
| Log File Date:   |                     |                          | PCW Rcv Date: |      |       |          | Sou       | irce:         | Shallow |
| Pump Type:       |                     | Pipe Disc                | harge S       | Size | :     |          | Est       | imated Yield: | 9 GPM   |
| Casing Size:     | 6.00                | Depth We                 | ll:           |      | 93    | 3 feet   | De        | pth Water:    | 73 feet |
| x<br>Wa          | ter Bearing Stratif | ications:                | Тор           | bВ   | ottom | Descr    | iption    |               |         |
|                  |                     |                          | 83            | 3    | 93    | Other    | /Unknown  |               |         |
| х                | Casing Perf         | orations:                | Тор           | ) B  | ottom | l        |           |               |         |
|                  |                     |                          | 73            | 3    | 93    |          |           |               |         |

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|                   |                         |                      | • •                                  | ers are 1=<br>ters are s |       |           | W 4=SE)<br>st) | (NAD83 UT     | 'M in meters) |         |
|-------------------|-------------------------|----------------------|--------------------------------------|--------------------------|-------|-----------|----------------|---------------|---------------|---------|
| Well Tag          | POD                     | Number               | Q64                                  | Q16 Q                    | 4 Sec | e Tws Rng |                | Х             | Y             |         |
| 2247E             | CP (                    | 01806 POD1           | 1                                    | 3 3                      | 15    | 22S       | 37E            | 673260        | 3584788 🌍     |         |
| x<br>Driller Lice | ense:                   | 1477                 | Driller                              | · Comp                   | any:  | М         | & W W/         | ATERWELL      | SERVICE       |         |
| Driller Nan       | ie:                     | ROBERT MAUCK         |                                      |                          |       |           |                |               |               |         |
| Drill Start l     | Date:                   | 10/20/2019           | Drill F                              | 'inish I                 | ate:  | 1         | 0/21/20        | 19 <b>Plu</b> | g Date:       |         |
| Log File Da       | g File Date: 10/28/2019 |                      | PCW Rcv Date:                        |                          |       |           |                | Sou           | irce:         | Shallow |
| Pump Type         | :                       |                      | Pipe Discharge Size: Estimated Yiele |                          |       |           |                |               | imated Yield: | 10 GPM  |
| Casing Size       | :                       |                      | Depth                                | Well:                    |       | 1         | 62 feet        | Dej           | oth Water:    | 95 feet |
| X                 | Wate                    | r Bearing Stratifica | tions:                               | r                        | Гор І | Botton    | n Desci        | ription       |               |         |
|                   |                         |                      |                                      |                          | 107   | 162       | 2 Sands        | stone/Gravel/ | Conglomerate  |         |
| X                 |                         | Casing Perform       | ations:                              | -                        | Fop 1 | Botton    | 1              |               |               |         |
|                   |                         |                      |                                      |                          | 142   | 162       | 2              |               |               |         |

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|                  |                         | (quar                | ters ai | e sma | llest to | o largest | (NAD83 U  | TM in meters) |                |         |
|------------------|-------------------------|----------------------|---------|-------|----------|-----------|-----------|---------------|----------------|---------|
| Well Tag         | POD Number              | Q64                  | Q16     | Q4    | Sec      | Tws Rng   | Х         | Y             |                |         |
|                  | CP 00154 POD2           | 3                    | 3       | 3     | 3 09     |           | 37E       | 671600        | 3586239* 🌍     |         |
| x<br>Driller Lic | ense:                   | Driller              | · Cor   | npar  | ıy:      |           |           |               |                |         |
| Driller Na       | me: ED BURKE            |                      |         |       |          |           |           |               |                |         |
| Drill Start      | <b>Date:</b> 01/31/1946 | Drill F              | inisł   | Dat   | te:      | 0         | 1/31/1946 | Ph            | ig Date:       |         |
| Log File D       | ate:                    | PCW                  | Rcv ]   | Date  | :        | 0         | 3/12/1992 | So            | ource:         | Shallow |
| Pump Typ         | e:                      | Pipe Discharge Size: |         |       |          |           |           | Es            | timated Yield: | 34 GPM  |
| Casing Siz       |                         | Depth                | Wall    |       |          | 1         | 72 feet   | De            | pth Water:     |         |

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## USGS 322253103105201 22S.37E.17.434414

Available data for this site Groundwater: Field measurements

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Lea County, New Mexico Hydrologic Unit Code 13070007

Latitude 32°23'07", Longitude 103°10'53" NAD27

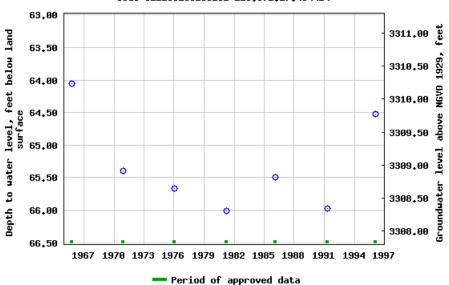
Land-surface elevation 3,374.30 feet above NGVD29

The depth of the well is 96 feet below land surface.

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    |  |



USGS 322253103105201 225.37E.17.434414

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• 322307103095801

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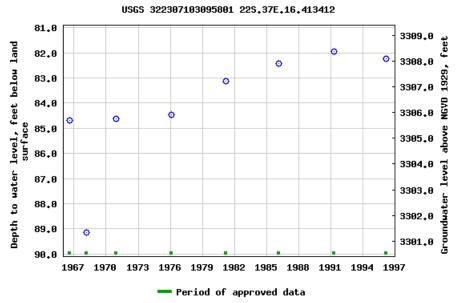
## USGS 322307103095801 22S.37E.16.413412

Available data for this site Groundwater: Field measurements

Id measurements • GO

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°23'21", Longitude 103°09'59" NAD27 Land-surface elevation 3,390.40 feet above NGVD29 The depth of the well is 140 feet below land surface. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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



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## USGS 322308103105701 22S.37E.17.414133

Available data for this site Groundwater: Field measurements

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Lea County, New Mexico Hydrologic Unit Code 13070007

Latitude 32°23'08", Longitude 103°10'57" NAD27

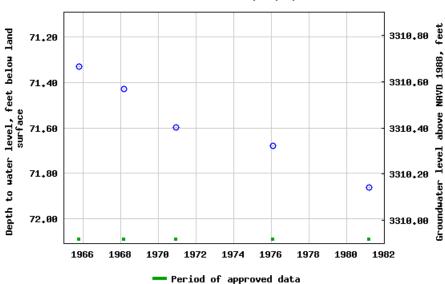
Land-surface elevation 3,382 feet above NAVD88

The depth of the well is 110 feet below land surface.

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    |  |



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

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• 322344103103301

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## USGS 322344103103301 22S.37E.09.33333

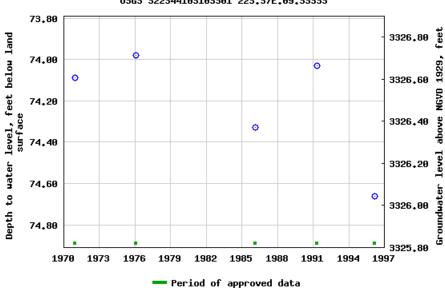
Available data for this site Groundwater: Field measurements

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Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°23'57", Longitude 103°10'34" NAD27 Land-surface elevation 3,400.70 feet above NGVD29 The depth of the well is 172 feet below land surface. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

## **Output formats**

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



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

## USGS 322344103103301 225.37E.09.33333

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## USGS 322357103094801 22S.37E.09.423331

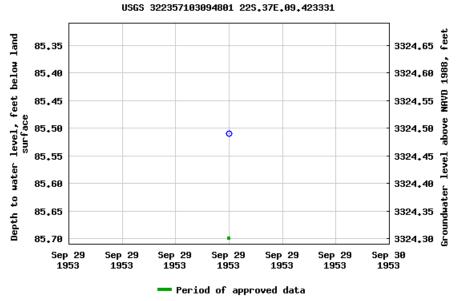
Available data for this site Groundwater: Field measurements

eld measurements • GO

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°23'57", Longitude 103°09'48" NAD27 Land-surface elevation 3,410 feet above NAVD88 The depth of the well is 115 feet below land surface. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

## Output formats

| Table of data      |
|--------------------|
| Tab-separated data |
| Graph of data      |
| Reselect_period    |



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322358103103401

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## USGS 322358103103401 22S.37E.09.313

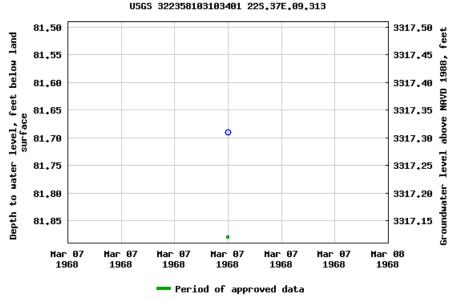
Available data for this site Groundwater: Field measurements

▼ GO

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°23'58", Longitude 103°10'34" NAD27 Land-surface elevation 3,399 feet above NAVD88

## **Output formats**

| Table of data      |  |
|--------------------|--|
| Tab-separated data |  |
| Graph of data      |  |
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• 322359103104101

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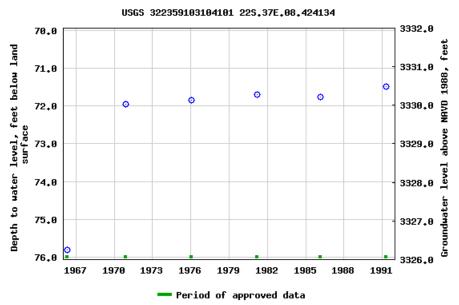
## USGS 322359103104101 22S.37E.08.424134

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eld measurements • GO

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°23'59", Longitude 103°10'41" NAD27 Land-surface elevation 3,402 feet above NAVD88 The depth of the well is 168 feet below land surface. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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



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United States

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Groundwater

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site\_no list =

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## USGS 322400103103401 22S.37E.09.31313

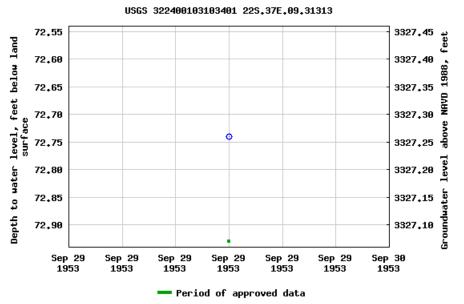
Available data for this site Groundwater: Field measurements

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Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°24'00", Longitude 103°10'34" NAD27 Land-surface elevation 3,400 feet above NAVD88 The depth of the well is 140 feet below land surface. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

## Output formats

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



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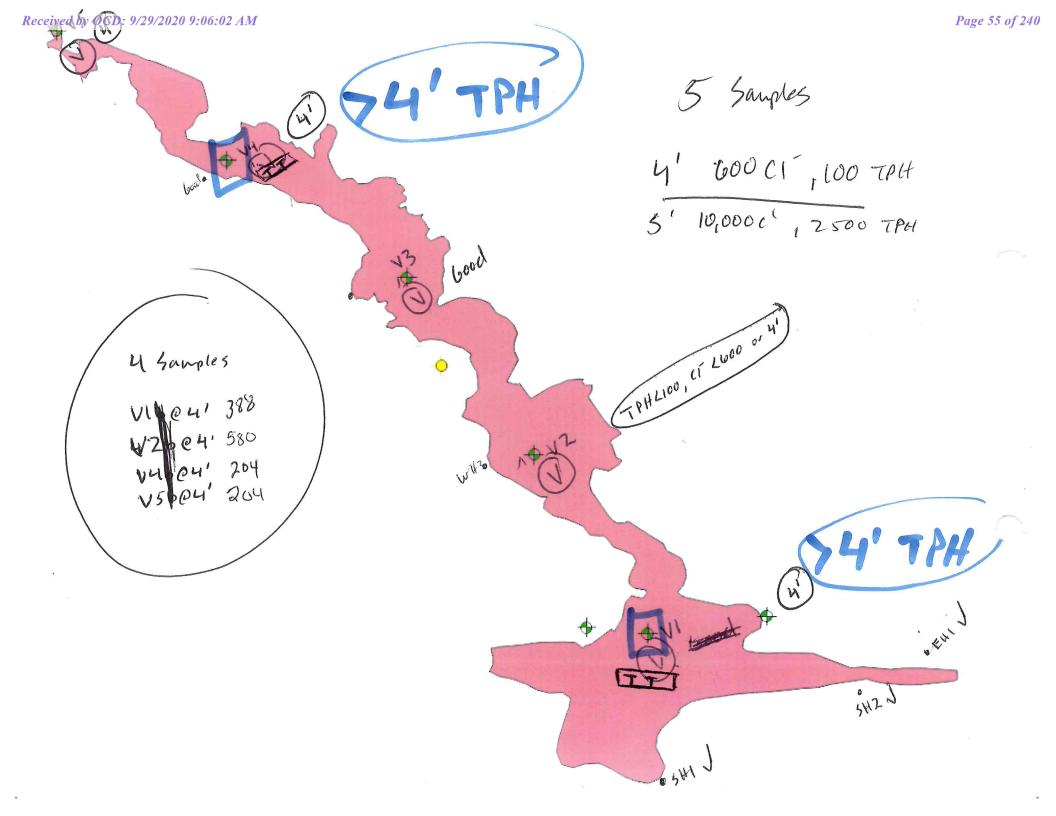
# **Appendix B** Field Data and Soil Profile Logs

| Dage 54 of 240                 |  |  |   | Ċ                 | a<br>at             |   |
|--------------------------------|--|--|---|-------------------|---------------------|---|
| PECH_                          | 23   | Init   | ial Release Ass                               | essment Form      |                     |   |
| Environmental & Safet          | y Solutions, Inc.  |  |   | Date: 1//         | 15/19               |   |
| Project:<br>Project Number:    | Cole State #10   | Latitude:  | Clean Up Level:<br>32.39277                   | Longitude:        | 10K A<br>-103.17335 | ð |
| 1 N                            |  |  | Site Diagram                                  | ÷ .               |                     |   |
|                                | WAS V<br>WHy   | Elas<br>H.S. Elas<br>Va<br>Elas<br>WH3<br>WH2<br>WH2 | Hy<br>$EH_3$<br>$V_2 EH_2$<br>$V_1$<br>$SH_2$ | • E Hz<br>• S thz |                     |   |
| Notes:<br>Ground At            | lected of 1° at  | 1 1  |   |                   |                     |   |
| 6:02 AM                        | <br>   |  |   |                   |                     |   |
| <pre>0. ~Length:<br/>0. </pre> | ~Width:  | ~Area:   |   | ~Depth:           | Yes No              |   |
| Necessary Sample               | ve Pictures of the Affecto<br>es Field Screened and or<br>Screen Data Entered on | ı Ice?   | ng sample locations?                          |                   |                     |   |
| Was horizontal a               | nd vertical delineation a  |  | ·   |                   | ₫ □<br>2/19/20      |   |

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|  |          |                  | Sample                    |               | 11/ -110                                |
|--|----------|------------------|---------------------------|---------------|---|
| Project: Cole Sta  | ato #10  |                  |                           | Date:         | 1/5/19                                  |
| Project Number:  | 0        | _<br>Latitude: _ | 32.39277                  | Longitude:    | -103.17335                              |
| Sample ID  | PID/Odor |                  | Chloride Conc.            |               | GPS                                     |
| VI & Surt.   | Yes      | 1032             |                           | 10:00         | See trimble data                        |
| 2420 1'  | Yls      | 964              |                           | 10:05         | for this of the                         |
| V2 & Surt  | Ves      | 2320             |                           | 10:10         |   |
| 12@1 - R   | 'Y       | 1880             |                           | 10:15         |   |
| V3 C Swf   | Y .      | 1320             | e.                        | 10:20         |   |
| V3 C 1   | Y        | 618              |                           | 10:25         |   |
| VY@ Swf  | V        | 652              |                           | 10:30         |   |
| VICI   | 5/1842 ? | 896              |                           | 101:35        |   |
| V5C Surt   | Y        | 2116             |                           | 10:10         |   |
| VSel   | Slight?  | 312              |                           | 10:45         |   |
| litation   |          | 8                |                           |               |   |
| 11-6/14<br>6110  |          | 220              |                           |               |   |
| SH2 C Swt  | Wo       | 272              |                           | 12:00         |   |
| SH 2 C 1   | P        | 140              |                           | 12:05         |   |
| SH 2 @ Surt<br>SH 2 @ 1'   | N        | 352              |                           | 12:10         |   |
| 2.11   | N        | 140              |                           | 12:15         |   |
| EH 2 @ suf<br>EH 2 @ 1'  | N        | 200              |                           | 12:20         |   |
|  | N        | <116             | 3                         | 12:25         |   |
| WHI C Swf<br>WHI C I'  | N        | 167              |                           | 12:30         |   |
| WIT L C /  | N        | 140              |                           | 12:25         |   |
| 11/8/19  |          |                  |                           |               |   |
| V2 R 3   | Ý        | 964              |                           | 9110          | ~                                       |
| V1 @ 3.5'-R  | 1/       | 1108             |                           | 1:15          |   |
| V3 P 1.5'-R  | Mayle ?  | 444              | 4),<br>1                  | 9:40          |   |
| VY E L'-R  | Slight?  | 400              |                           | 9155          |   |
| 15 @ 15'-R   | Marke?   | 652              |                           | 10:00         |   |
| WHZ & Surf   | in .     | 172              |                           | 19:30         |   |
| WHZ Q I  | +N       | 457              |                           | 12:35         |   |
| WH3 @ suf  | N        | 272              |                           | 10:40         |   |
| WH3 CI   | N        | 272 3:           | 52                        | 10:17         |   |
| why e sud  | N        | 200              |                           | 10:50         |   |
| NHY BIL  | N        | 200              |                           | 10155         |   |
| NHS @ Suf  | N        | 236              | -                         | 10 11:02      |   |
| NHSEI  | N        | 140              |                           | 11:95         |   |
| Comple Data and a sure   |          |                  |                           | 8             |   |
| Sample Point = SP #1 @ ## etc<br>Floor = FL #1 etc<br>Sidewall = SW #1 etc |          |                  | Test Trench = TT #1 @ ##  |               | Resamples= SP #1 @ 5b or SW #1b         |
| Floor = FL #1 etc<br>Sidewall = SW #1 etc                                  |          | Call Internet    | Refusal = SP #1 @ 4'-R    | O 411- 01-    | Stockpile = Stockpile #1                |
| Sidewan - Sw #1 ELL  |          | son intend       | ed to be Deferred = SP #1 | w 4 in-Situ ( | GPS Sample Points, Center of Comp Areas |
|  |          |                  |                           |               |   |
|  |          |                  |                           |               |   |
|  |          |                  |                           |               |   |



Sample Log

11/5/19

| , , , , , , , , , , , , , , , , , , ,                                      |          |               |                        | Date:        | 11/5/19                                 |
|--|----------|---------------|------------------------|--------------|---|
| Project: Cole Sta  |          | -             |                        |              | 1 .                                     |
| Project Number:  | 11465    | Latitude:     | 32.39277               | Longitude:   | -103.17335                              |
| Sample ID  | PID/Odor |               | Chloride Conc.         |              | GPS                                     |
| WHQ-B Surf   | Slight   | Less 116      | 2                      | 15           |   |
| WHO-B 2'Foot   | NO       | 1184          | 2:                     | 20           |   |
| EHJ. Surf  | Yes      | 312           | 2:                     | 25           |   |
| EH2 2 foot   | Yes      | Less 116      |                        | 30           |   |
| EH3 Surf   | Yes      | 140           | 2                      | 35           |   |
| EHB 2 foot   | Yes      | 444           |                        | 40           |   |
| EH4 Surf   | NO       | 116           | 2:                     | 45           |   |
| EHY 2 foot   | NO       | 116           | 2:                     | 50           |   |
| EHS Surfo  | NO       | Less 116      |                        | 55           |   |
| EH5 2 foot   | NO       | 200           |                        | 00           |   |
| NH1 Surf   | NO       | Less /16      | 3:1                    | 05           |   |
| NH1 1 foot   | NO       | 200           | 3:                     | 10           |   |
|  |          |               |                        |              |   |
| V/   |          |               |                        |              |   |
| V12@ 3'  |          |               |                        |              |   |
| N2/2 41  |          |               |                        |              |   |
| VV@ 3'   |          |               |                        |              |   |
| V5(0 3'  |          |               |                        |              |   |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                                    | 1        | 1.00          |                        |              |   |
| V4@8   | Lou      |               |                        |              |   |
| V.4 @ 9  | Laci     |               |                        |              |   |
| VIOS   | 1.0      |               |                        |              |   |
| $U  \bigcirc I_{2}$  | 5.0      |               |                        |              |   |
|  | *        |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
| 1 A  |          |               |                        |              |   |
| 2  | · ·      |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
|  |          |               |                        |              |   |
| Sample Point = SP #1 @ ## etc  |          | Те            | st Trench = TT #1 @ ## | ŧ            | Resamples= SP #1 @ 5b or SW #1b         |
| Floor = FL #1 etc  |          | R             | efusal = SP #1 @ 4'-R  |              | Stockpile = Stockpile #1                |
| Sidewall = SW #1 etc   |          | Soil Intended | to be Deferred = SP #1 | @ 4' In-Situ | GPS Sample Points, Center of Comp Areas |
| Sample Point = SP #1 @ ## etc<br>Floor = FL #1 etc<br>Sidewall = SW #1 etc |          |               |                        |              |   |

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R

Floor = FL #1 etc

1-14-20

| uge 58 of 240                | Ċ              |            |            | Ċ                     |                                       |
|------------------------------|----------------|------------|------------|-----------------------|---------------------------------------|
|                              | olutions, Inc. |            | Soil Pro   | <b>file</b><br>Date:  | 11/8/19                               |
| Project:                     | Cole State #10 |            |            |                       | /                                     |
| Project Number:              | 11465          | Latitude:  | 32.39277   | Longitude:            | -103.17335                            |
| Depth (ft. bgs)              |                |            | Da         | scription             |                                       |
| 1                            | Bre            | wh Clause  | Topso. 1 4 | l Docle               |                                       |
| 2                            |                |            |            | - <u>1</u> - <u>1</u> |                                       |
| 3                            |                |            |            |                       |                                       |
| 4                            | <u> </u>       | iche Roile |            |                       |                                       |
| 5                            |                |            |            |                       |                                       |
| 6                            |                |            |            |                       |                                       |
| 7                            |                |            |            |                       |                                       |
| 8                            |                |            |            |                       |                                       |
| 9                            |                |            |            |                       |                                       |
| 10                           |                |            |            |                       |                                       |
| 11                           |                |            |            |                       |                                       |
| 12<br>13                     |                |            |            |                       |                                       |
| 13                           |                |            |            |                       |                                       |
| 15                           |                |            |            |                       |                                       |
| 16                           |                |            |            |                       |                                       |
| 17                           |                |            |            |                       |                                       |
| 18                           |                |            |            |                       |                                       |
| 19                           |                |            |            |                       |                                       |
| 20                           |                |            |            |                       |                                       |
| 21                           |                |            |            |                       |                                       |
| 22                           |                |            |            |                       |                                       |
| 23                           |                |            |            |                       | · · · · · · · · · · · · · · · · · · · |
| 24                           |                |            |            |                       |                                       |
| 25                           |                |            |            |                       |                                       |
| 26                           |                |            |            |                       |                                       |
| 27                           |                |            |            |                       |                                       |
| 28                           |                |            |            |                       |                                       |
| 29                           |                |            |            |                       |                                       |
| 30                           |                |            |            |                       |                                       |
| 31                           |                |            |            |                       |                                       |
| 32                           |                |            |            |                       |                                       |
| <sup>33</sup>                |                |            |            |                       |                                       |
| 34                           |                |            |            |                       |                                       |
| 35<br>36                     |                |            |            |                       |                                       |
| 30                           |                |            |            |                       |                                       |
| 37                           |                |            |            |                       |                                       |
| 39                           |                |            |            |                       |                                       |
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| ph.                          |                |            |            |                       |                                       |

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|---|--|-----------|--|---------------------|--------------------------|
|   | Solutions, Inc.  | Ini       | tial Release Asso  | /                   | 3/21/20                  |
| Project:<br>Project Number:                                 | Cole State #10<br>11465  | Latitude: | Clean Up Level:<br>32.39287  | Date:<br>Longitude: | / OK G = 0<br>-103.17297 |
|   |  |           | Site Diagram   |                     |                          |
| Poly line   | NUMU<br>FLI NEWI<br>SUMI FLZ<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI<br>SUMI | 5         | 11<br>12<br>13<br>14<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | NEW4<br>SEW1        |                          |
| Notes:  |  |           |  |                     |                          |
|   |  |           |  |                     |                          |
| b.  |  |           |  |                     |                          |
| ×   |  |           |  |                     |                          |
| WF 00:00 ~Length:<br>3-4 Representative<br>Necessary Sample | ~Width:  | ~Area:    |  | ~Depth:             | Yes No                   |
| 3-4 Representative  | e Pictures of the Affect   |           | ng sample locations?   |                     |                          |
|   | s Field Screened and o<br>Screen Data Entered or   |           |  |                     |                          |
|   | d vertical delineation a   |           |  |                     |                          |

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## Sample Log

Date:

8/24/20

| Project:        | Cole State #10 |           |          |            | - C        |  |
|-----------------|----------------|-----------|----------|------------|------------|--|
| Project Number: | 11465          | Latitude: | 32.39287 | Longitude: | -103.17297 |  |
|                 |                |           |          |            |            |  |

| Sample ID                          | PID/Odor | Chloride Conc.           | GPS                               |
|------------------------------------|----------|--------------------------|-----------------------------------|
| NWW                                | None     | 7112                     |                                   |
| NEWI                               | non      | 7112                     |                                   |
| SINWI                              | now      | 7112                     |                                   |
| FLIQY'                             | light    | 348<br>184               |                                   |
| FRAY                               | light    |                          |                                   |
| FL3@4'                             | some     | 312                      |                                   |
| FL404'                             | light    | 184<br>860               |                                   |
| FLSQ4                              | light    | 860                      |                                   |
| FLGQ4'                             | )ight    | 1076                     |                                   |
| SWW#2                              | none.    | 184                      |                                   |
| NEW#2                              | none     | 276                      |                                   |
| FL#704                             | none.    | 476                      |                                   |
| EL#804                             | none     | 1244                     |                                   |
| FL#gelt                            | mone     | 1432                     |                                   |
| FLIDQY                             | light    | 1432                     |                                   |
| FLIL PH'                           | light    | 1.336                    |                                   |
| FLI2@4'                            | light    | 1540                     |                                   |
| FLUQ4.                             | light    | 1244                     |                                   |
| FLIYQY                             | light    | 1(56                     |                                   |
| FLISQU                             | light    | 928                      |                                   |
| Sww3                               | none     | 348                      |                                   |
| NEW 3                              | NONE     | 1(2                      |                                   |
| SEWI                               | none     | 2/12                     |                                   |
| NEW 4                              | hone     | 192                      |                                   |
| SWW 4                              | None     | 7 112                    |                                   |
| FLIDES<br>FLIDES                   | nove     | 1076                     |                                   |
| FL 1705<br>FL 1805                 | None     | 860                      |                                   |
| FL 18 05'<br>FL 14 05'<br>FL 10 05 | none     | 474                      |                                   |
| FL 10 BC                           | nore     | 388                      |                                   |
| TL 20 100 5                        | none     | 7112                     |                                   |
|                                    |          |                          |                                   |
|                                    |          |                          |                                   |
|                                    |          |                          |                                   |
|                                    |          |                          |                                   |
|                                    |          |                          |                                   |
| Sample Point = SP #1 @ ## etc      |          | Test Tranch - TT #1 @ ## | Possemplose SD #1 @ Eh en SW/ #1h |

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

Test Trench = TT #1 @ ##

Sidewall = SW #1 etc

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

**GPS Sample Points, Center of Comp Areas** 



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## **Remediation Log**

| Project:                                 | Cole State #10                           |                                |                                   |                             |        |        |
|--|--|--------------------------------|-----------------------------------|-----------------------------|--------|--------|
| Project Number:                          | 11465                                    | Latitude:                      | 32.39287                          | Longitude:                  | -103.3 | 17297  |
| Confirmation of Ac<br>Confirmation of Or | tive One Call? One Call N<br>n-Site JSA? | 10. <u>20AC-12</u><br>20 SEO I | 20478 <sup>3/1</sup><br>0157 \$9/ | 4 -> 9/4<br> <br> 3 -9 9/25 | Yes    | No<br> |
| Date:                                    | *  | Note                           | S                                 |                             | Ye     | ds     |
|  | ****Begin                                | Remediation Ac                 | tivities****                      | 9                           | Out    | In     |
| col 1                                    | [reauched on                             | detropie e                     | astanineted                       | Soul                        |        |        |
| 8/24/20                                  | Concellate 1                             | $c/ \epsilon + c$              | faminated Soul                    |                             |        |        |
| 8/26/20                                  | Eccadored and                            | Stock p. le C.                 | taminated Soil                    |                             |        |        |
| 8/27/20                                  | Locded Tilles o                          | with with a                    | Caston all Sail                   |                             | 260    |        |
| 9/80/20                                  | Loaded TAK With                          | and on soled                   | Sall                              | -                           | 30     |        |
| 9/9/20                                   | Excavaled a stac                         | kpile Centom n                 | ded So. C.                        |                             |        |        |
| glu lan                                  | Excaveled 2 Smel                         | pile Centerent                 | del Soi (                         | 1                           | 300    |        |
| 9/15/20                                  | Coaded TOK With                          | Clean Top So                   | 11 For brockfu                    | //                          |        | 156    |
| 9/16/20                                  | Looded Thic wa                           | -h Clary Top S                 | o, Charbockfe                     | 1                           | 100    | 10144  |
| 9/17/20                                  | Localed This w.                          | the Clara Top                  | cal Sorback                       | 6.11                        | 1001   | 144    |
| 9/18/20-                                 | Loaded This le,                          | the acon Tap                   | Sa Cher beilt                     | 611                         | -      | _84    |
|  |  |                                |                                   |                             |        | A      |
|  |  | 1                              |                                   |                             |        |        |
|  |  |                                |                                   |                             |        | ·      |
|  | -  |                                |                                   |                             |        |        |
|  |  | Carlos Carlos das p            |                                   |                             |        | 1      |
|  |  |                                |                                   |                             |        |        |
|  |  |                                |                                   |                             |        |        |
|  | **                                       | **Begin Backfill               | Activics****                      |                             |        | ·      |
|  |  |                                | tion Activities***                | **                          |        |        |
|  |  |                                |                                   |                             |        |        |



Received by OCD: 9/29/2020 9:06:02 AM

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# **Appendix C Laboratory Analytical Reports**



November 18, 2019

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: COLE STATE 10

Enclosed are the results of analyses for samples received by the laboratory on 11/12/19 16:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: V 2 @ SURFACE (H903841-01)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 1.99   | 0.500           | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | 34.6   | 0.500           | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | 44.4   | 0.500           | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | 106    | 1.50            | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | 187    | 3.00            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 130    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1600   | 16.0            | 11/14/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      | S-06      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 1870   | 50.0            | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | 4980   | 50.0            | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | 434    | 50.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 175    | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 191    | % 37.6-14       | 7          |              |      |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: V 3 @ SURFACE (H903841-02)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 5.49   | 2.00            | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | 77.8   | 2.00            | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | 103    | 2.00            | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | 259    | 6.00            | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | 445    | 12.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1200   | 16.0            | 11/14/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      | S-06      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 11200  | 100             | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | 45000  | 100             | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | 6930   | 100             | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 600    | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 884    | % 37.6-14       | 7          |              |      |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: V 4 @ 1' (H903841-03)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 0.349  | 0.200           | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | 9.53   | 0.200           | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | 20.7   | 0.200           | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | 59.1   | 0.600           | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | 89.7   | 1.20            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 211    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 464    | 16.0            | 11/14/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      | S-06      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 846    | 50.0            | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | 2880   | 50.0            | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | 213    | 50.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 156    | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 156    | % 37.6-14       | 7          |              |      |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: V 5 @ SURFACE (H903841-04)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 5.15   | 5.00            | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | 97.3   | 10.0            | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | 171    | 10.0            | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | 493    | 30.0            | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | 767    | 55.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | 73.3-12         | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      | S-06      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 15400  | 100             | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | 54200  | 100             | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | 8010   | 100             | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 791 9  | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 1030   | % 37.6-14       | 7          |              |      |            |               |      |           |

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: SH 1 @ SURFACE (H903841-05)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | 0.118  | 0.050           | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | 0.105  | 0.050           | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | 0.320  | 0.150           | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | 0.543  | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.7   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 94.0   | % 37.6-14       | 7          |              |      |            |               |      |           |

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: SH 1 @ 1' (H903841-06)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 37.6-14       | 7          |              |      |            |               |      |           |

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: SH 2 @ SURFACE (H903841-07)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.5   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.9   | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.2   | % 37.6-14       | 7          |              |      |            |               |      |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: SH 2 @ 1' (H903841-08)

| 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           | 11/14/2019      | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019      | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019      | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019      | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | 73.3-12         | 9               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/15/2019      | 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            | 11/14/2019      | ND           | 190  | 94.8       | 200           | 1.49 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019      | ND           | 188  | 93.9       | 200           | 19.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 9  | % 41-142        |                 |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104 9  | 37.6-14         | 7               |              |      |            |               |      |           |

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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:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

#### Sample ID: EH 1 @ SURFACE (H903841-09)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.200 | 0.200           | 11/14/2019      | ND           | 1.94 | 97.0       | 2.00          | 9.23 |           |
| Toluene*                             | <0.200 | 0.200           | 11/14/2019      | ND           | 2.01 | 101        | 2.00          | 9.16 |           |
| Ethylbenzene*                        | <0.200 | 0.200           | 11/14/2019      | ND           | 2.06 | 103        | 2.00          | 9.04 |           |
| Total Xylenes*                       | <0.600 | 0.600           | 11/14/2019      | ND           | 6.06 | 101        | 6.00          | 9.02 |           |
| Total BTEX                           | <1.20  | 1.20            | 11/14/2019      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 \$ | % 73.3-12       | 9               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019      | 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            | 11/14/2019      | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019      | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.4   | % 41-142        |                 |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 37.6-14       | 7               |              |      |            |               |      |           |

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 1 @ 1' (H903841-10)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.8   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.0   | % 37.6-14       | 7          |              |      |            |               |      |           |

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260 Fax To: (575) 396-1429 11/12/2019 Sampling Date:

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 1 @ SURFACE (H903841-11)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | 19.7   | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.2   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.0   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/05/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 1 @ 1' (H903841-12)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | 10.5   | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.8   | % 37.6-14       | 7          |              |      |            |               |      |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: V 1 @ 3.5' - R (H903841-13)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/15/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | 0.271  | 0.050           | 11/15/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | 0.809  | 0.050           | 11/15/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | 2.00   | 0.150           | 11/15/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | 3.08   | 0.300           | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 131    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1010   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 51.5   | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | 612    | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | 55.2   | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.8   | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108    | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: V 5 @ 1.5' - R (H903841-14)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | 0.084  | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | 0.235  | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | 0.319  | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | 190    | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 83.0   | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 90.3   | % 37.6-14       | 7          |              |      |            |               |      |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260 Fax To: (575) 396-1429 11/12/2019 Sampling Date: 1 11/18/2019 Sampling Type: S

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 2 @ SURFACE (H903841-15)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | 73.3-12         | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.5   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 87.0   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 2 @ 1' (H903841-16)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 496    | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 72.3   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 74.7   | % 37.6-14       | 7          |              |      |            |               |      |           |

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 3 @ SURFACE (H903841-17)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.2   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.8   | % 37.6-14       | 7          |              |      |            |               |      |           |

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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:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 3 @ 1' (H903841-18)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.0   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 272    | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.4   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.4   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260 Fax To: (575) 396-1429 11/12/2019 Sampling Date:

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 4 @ SURFACE (H903841-19)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.3   | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.1   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 4 @ 1' (H903841-20)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 94.0   | % 37.6-14       | 7          |              |      |            |               |      |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 5 @ SURFACE (H903841-21)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.4   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.8   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: WH 5 @ 1' (H903841-22)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.0   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 90.4   | % 37.6-14       | 7          |              |      |            |               |      |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 2 @ SURFACE (H903841-23)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.3   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 92.4   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 2 @ 1' (H903841-24)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 86.6   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.4   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 94.6   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 3 @ SURFACE (H903841-25)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.8   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.3   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 3 @ 1' (H903841-26)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | 73.3-12         | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 240    | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.3   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.5   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260 Fax To: (575) 396-1429 11/12/2019 Sampling Date: 11/08/2019 11/18/2019 Sampling Type: Soil

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 4 @ SURFACE (H903841-27)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.1   | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.7   | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

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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:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 4 @ 1' (H903841-28)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/15/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/15/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/15/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/15/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7   | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/15/2019 | ND           | 196  | 98.2       | 200           | 2.10 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/15/2019 | ND           | 192  | 95.9       | 200           | 4.01 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.9   | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 94.3   | % 37.6-14       | 7          |              |      |            |               |      |           |

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 5 @ SURFACE (H903841-29)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/15/2019 | ND           | 1.84 | 92.2       | 2.00          | 4.62 |           |
| Toluene*                             | <0.050 | 0.050           | 11/15/2019 | ND           | 1.90 | 94.8       | 2.00          | 6.68 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/15/2019 | ND           | 1.97 | 98.6       | 2.00          | 5.89 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/15/2019 | ND           | 5.77 | 96.1       | 6.00          | 6.48 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/15/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 202  | 101        | 200           | 2.38 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 3.97 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109 9  | % 37.6-14       | 7          |              |      |            |               |      |           |

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: EH 5 @ 1' (H903841-30)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.5       | 2.00          | 8.21 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.6       | 2.00          | 8.42 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.76 | 87.9       | 2.00          | 8.10 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.31 | 88.5       | 6.00          | 8.07 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | 73.3-12         | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 202  | 101        | 200           | 2.38 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 3.97 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 108 9  | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | 37.6-14         | 7          |              |      |            |               |      |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: NH 1 @ SURFACE (H903841-31)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.5       | 2.00          | 8.21 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.6       | 2.00          | 8.42 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.76 | 87.9       | 2.00          | 8.10 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.31 | 88.5       | 6.00          | 8.07 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 202  | 101        | 200           | 2.38 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 3.97 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 9  | % 41-142        | ,          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105 9  | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 11/12/2019     | Sampling Date:      | 11/08/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 11/18/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: NH 1 @ 1' (H903841-32)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.5       | 2.00          | 8.21 |           |
| Toluene*                             | <0.050 | 0.050           | 11/14/2019 | ND           | 1.73 | 86.6       | 2.00          | 8.42 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/14/2019 | ND           | 1.76 | 87.9       | 2.00          | 8.10 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/14/2019 | ND           | 5.31 | 88.5       | 6.00          | 8.07 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 11/15/2019 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/14/2019 | ND           | 202  | 101        | 200           | 2.38 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/14/2019 | ND           | 196  | 98.2       | 200           | 3.97 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/14/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103 9  | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108 9  | % 37.6-14       | 7          |              |      |            |               |      |           |

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| S-06  | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.  |
|-------|---|
| S-04  | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.  |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| RPD   | Relative Percent Difference   |
| **    | Samples not received at proper temperature of 6°C or below.   |
| ***   | Insufficient time to reach temperature.   |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|       | Samples reported on an as received basis (wet) unless otherwise noted on report   |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

### ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### Received by OCD: 9/29/2020 9:06:02 AM

| LL TO<br>Vanguard/Grizzly<br>Carmen Pitt<br>Zip:<br>SAMPLING<br>DATE TIME<br>111/5/19 10:10 | Chloride | TPH (8015M)  |
|---|----------|--|
|   | AMPLINO  | Vanguard/Grizzly<br>Carmen Pitt<br>Zip:<br>SAMPLING<br>DATE TIME |
|   |          | BTEX (8021P)   |

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: Etech Environmental & Safety Solutions, Inc.  | Solutions, Inc.   | BILL TO  |   |          |                       | ANALYSIS REQUEST               |
|---|---|--|---|----------|-----------------------|--------------------------------|
| Project Manager: Joel Lowry   |   | P.O. #:  |   |          | _                     |                                |
| Address: P.O. Box 301   |   | Company: Vangua  | Vanguard/Grizzly                                  |          |                       |                                |
| City: Lovington State:  | NM Zip: 88260   | 0  | Pitt  |          |                       |                                |
| Phone #: (575) 396-2378 Fax #:  | (575) 396-1429  | ess:   |   |          |                       |                                |
| Project #: 11465 Project  | Project Owner: Grizzly Energy   | City:  |   |          |                       |                                |
| Project Name: Cole State 10   |   | State: Zip:  | e   | 5M)      | 21B)                  |                                |
| Project Location: Rural Lea   |   | #  | orid  | 301      | 802                   |                                |
| Sampler Name: Hayden Scott  | ×   | Fax #:   | Chle  | H (8     | ∃X (                  |                                |
| FOR LAB USE ONLY  | A MATRIX  | PRESERV. SAMPLING  |   | TP       | BTE                   |                                |
| Lab I.D. Sample I.D.  | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE  | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :<br>ATE  | TIME  |          | ]                     |                                |
| // WH1 @ Surf   | ×   | ×  | 12:30 x   | ×        | ×                     |                                |
| /2 WH1 @ 1'   | g 1<br>×  | x 11/5/19  | 12:35 ×   | ×        | ×                     |                                |
| 13, V1 @ 3.5' - R   | g 1<br>x  | x 11/8/19  | 9:15 ×  | ×        | ×                     |                                |
| 14 V5 @ 1.5' - R  | g 1<br>X  | x 11/8/19  | 10:00 ×   | ×        | ×                     |                                |
| 15 WH2 @ Surf   | g 1   | x 11/8/19  | 10:30 x   | ×        | ×                     |                                |
| 14 WH2 @ 1'   | g 1<br>x  | x 11/8/19  | 10:35 ×   | ×        | ×                     |                                |
|   | g 1 ×   | x 11/8/19  | 10:40 ×   | ×        | ×                     |                                |
|   | g 1<br>x  | x 11/8/19  | 10:45 x   | ×        | ×                     |                                |
| 61  | g 1<br>X  | x 11/8/19  | 10:50 ×   | ×        | ×                     |                                |
|   | g 1 ×   | x 11/8/19  | 10:55 ×   | ×        | ×                     |                                |
| r CLASS ROLL F. Learning and Jumages. Calculats liability and client's socialism emody for any client assign whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. Al 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 whout limitant, business interruptions, loss of use, or loss of profits incurred by client, its substituties, affinities or successors arising out of or rebield to the performance of services hereinfler to Cardinal provide the services to chain the loss of profits incurred by client, its substituties, and the services to chain the loss of profits incurred by client, its substituties, and the services to chain the loss of profits incurred by client, its substituties, and the services to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the loss of profits incurred by client, its substituties, and the service to chain the service to chain the loss of profits incurred by client, its substituties, and the service to chain th | Vy for any claim ansing whether based in contract or tort, a<br>lail be deemed waived unless made in writing and received<br>cluding without limitation, business interruptions, loss of us<br>fer hv Cardinal renardless of whether such claim is known. | shall be limited to the amount paid by the cli-<br>d by Cardinal within 30 days after completion<br>e, or loss of profits incurred by client, its sub- | ent for the<br>n of the applicable<br>bsidiaries, |          |                       |                                |
|   | India Received By:  | Millely  | Phone Result:<br>Fax Result:<br>REMARKS:          | □ Yes    | SS<br>NO<br>NO        | Add'l Phone #:<br>Add'l Fax #: |
|   |   |  | Please email results to ioel@etechenv.com         | results  | to ioel@ete           | chenv.com                      |
| Sampler - UPS - Bus - Other:  | Hor Sample Condition  | on CHECKED BY:<br>(Initials)   |   | 00000    |                       |                                |
|   |   |  |   |          |                       |                                |
| Receiv<br>Revision 1.0  | † Cardinal cannot accept verbal changes. Please fax written ch  | arbal changes. Please fax  | t written change                                  | es to 57 | anges to 575-393-2476 |                                |
|   |   |  |   |          |                       |                                |

### Received by OCD: 9/29/2020 9:06:02 AM

| ARDINAL LABORATORIES  | 2  |  |  |         |               |                                      |
|---|--|--|--|---------|---------------|--------------------------------------|
| (575) 393-2326 FAX (575) 393-2476   | 76   |  |  |         |               |                                      |
| Company Name: Etech Environmental & Safety Solutions, Inc.  | ıs, Inc.   | BILL TO  |  |         | 4             | ANALYSIS REQUEST                     |
| Project Manager: Joel Lowry   |  | P.O. #:  |  | _       |               |                                      |
| Address: P.O. Box 301   |  | Company: Vangua  | Vanguard/Grizzly                         |         |               |                                      |
| City: Lovington State: NM   | Zip: 88260   | Attn: Carmen Pitt  | <sup>o</sup>                             |         |               |                                      |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429   | 6-1429   | Address:   |  |         |               |                                      |
| Project #: 11465 Project Owner:   | Grizzly Energy   | City:  |  |         |               |                                      |
| Project Name: Cole State 10   |  | State: Zip:  |  |         |               |                                      |
| Project Location: Rural Lea   |  | Phone #:   | oric                                     |         | 801<br>(80:   |                                      |
| Sampler Name: Hayden Scott  |  | Fax #:   | Chi                                      |         |               |                                      |
| FOR LAB USE ONLY  | MATRIX   | PRESERV. SAMPLING  |  |         |               |                                      |
| Lab I.D. Sample I.D.  | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE   | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :<br>DATE   | TIME                                     |         |               |                                      |
| 3/ WH5 @ Surf   | g 1 ×  | x 11/8/19  | 11:00                                    | ×       | x x           |                                      |
| WH5 @ 1'  | g<br>1<br>×  | x 11/8/19  | 11:05                                    | ×       | ××            |                                      |
| 23 EH2 @ Surf   | g<br>1<br>×  | x 11/8/19  | 2:25                                     | ×       | ×             |                                      |
| 24 EH2 @ 1'   | g<br>1<br>×  | x 11/8/19  | 2:30                                     | ×       | ×             |                                      |
| EH3 @ Surf  | g<br>1<br>×  | x 11/8/19  | 2:35                                     | ×       | ××            |                                      |
| a EH3 @ 1'  | 9<br>1<br>X  | x 11/8/19  | 2:40                                     | ×       | ×             |                                      |
|   | g 1<br>X   | x 11/8/19  | 2:45                                     | ×       | ×             |                                      |
| 28 EH4 @ 1'   | g 1<br>x   | x 11/8/19  | 2:50                                     | ×       | ×             |                                      |
| 30 FH5 @ Surf   |  | x 11/8/19  | 3:00                                     | × ×     | × ×<br>× ×    |                                      |
| 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<br>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<br>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,<br>service.  | im arising whether based in contract or tort, s<br>ad waived unless made in writing and received<br>ut limitation, business interruptions, loss of use | shall be limited to the amount paid by the c<br>by Cardinal within 30 days after completic<br>e, or loss of profits incurred by client, its st | ivent for the applicable ubsidiaries,    |         |               |                                      |
| shed By:  | Received By:   | of the Most  | Phone Result:<br>Fax Result:<br>REMARKS: |         | O Yes O N     | No Add'I Phone #:<br>No Add'I Fax #: |
|   | Received By:   | - Contraction  | Please ema                               | il resu | ilts to ioeld | il results to ioel@etechenv.com      |
| Sampler - UPS - Bus - Other:  |  | on CHECKED BY:   |  |         |               |                                      |
| FORM-006 to the former of the | † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476  | rbal changes. Please fa  | x written chan                           | iges to | 575-393-2     | 176                                  |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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| ARDINAL LABORATORIES   | ORATORIES   |   | CHAIN-O                                  | P-     | CU     | STODY AND A  | F-CUSTODY AND ANALYSIS REQUEST | 2 |
|--|---|---|--|--------|--------|--|--------------------------------|---|
| (575) 393-2326   | (575) 393-2326 FAX (575) 393-2476   |   |  |        |        |  |                                |   |
| Company Name: Etech Environm   | Etech Environmental & Safety Solutions, Inc.  | BILLTO  |  |        |        | ANALYSIS   | IS REQUEST                     |   |
| Project Manager: Joel Lowry  |   | P.O. #:   |  | _      |        | Discussion of the second secon |                                |   |
| Address: P.O. Box 301  |   | Company: Vanguard/Grizzly   | d/Grizzly                                |        |        |  |                                |   |
| City: Lovington  | State: NM Zip: 88260  | 0   | î#                                       |        |        |  |                                |   |
| Phone #: (575) 396-2378  | Fax #: (575) 396-1429   | ess:  |  |        |        |  |                                |   |
| Project #: 11465   | Project Owner: Grizzly Energy   | City:   |  |        |        |  |                                |   |
| Project Name: Cole State 10  |   | State: Zip:   |  |        | 5M)    | 21B)   |                                |   |
| Project Location: Rural Lea  |   | <b>#</b>  |  | orid   | 01     | 802  |                                |   |
|  |   | - 1010 F.   |  |        | 1 (8   | X (  |                                |   |
| _  | MATDIV  |   |  |        | Pŀ     | TE   |                                |   |
| Lab I.D. Sample I.D.   | G)RAB OR (C)OMP.<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>DIL  | SLUDGE DTHER : ACID/BASE: CE / COOL DTHER :   | TIME                                     |        | 1      | В  |                                | × |
| 3/ NH1 @ Surf  | ×   | ×   | 3:05                                     | ×      | ×      | ×  |                                |   |
| 32 NH1 @ 1'  | g 1   |   | 3:10                                     | ×      | ×      | ×  |                                |   |
|  |   |   |  |        |        |  |                                |   |
| PLEASE NOTE: Liability and Damages. Cardina's liability and cile<br>nalyses. All claims including those for negligence and any other o<br>service. In no event shall Cardinal be liable for incidential or conse-<br>fifiliates or successors arising out of or related to the performance | Infs exclusive remedy for any claim arising whether based in<br>ause whatsoover shall be deemed waived unless made in wa<br>userial damages, including without limitation, business interru<br>to of services hereunder by Cardinal, regardless of whether su | contract or tort, shall be limited to the amount paid by the clie<br>tring and received by Cardinal within 30 days after completion<br>ptions, loss of use, or loss of profits incurred by client, its sub-<br>ptions is based upon any of the above stated reasons or of | of the applicable sidiaries,             |        |        |  |                                |   |
| Relinquished By:<br>MMT Lo<br>Relinquished By:   | Date:<br>Time:<br>Time:<br>Time:<br>Time:   | Malable   | Phone Result:<br>Fax Result:<br>REMARKS: | a a    | ] Yes  | □ No Add'I Phone #:<br>□ No Add'I Fax #:   | ₩:<br>#:                       |   |
| Delivered By: (Circle One)   | 1.9° #97 Sample Condition<br>Cool Intact<br>Cool Intact<br>Cool Intact<br>Cool Intact<br>Cool Intact<br>Intact<br>No No   | CHECKED BY:<br>(Initials)   | r lease ema                              |        |        | rriease ernali results to joel@etecnenv.com.   |                                |   |
| FORM-006<br>Revision 1.0   | † Cardinal cannot accept  | Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476   | written char                             | iges t | o 575- | 393-2476   |                                |   |

### Received by OCD: 9/29/2020 9:06:02 AM

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December 11, 2019

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: COLE STATE 10

Enclosed are the results of analyses for samples received by the laboratory on 12/06/19 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 12/06/2019     | Sampling Date:      | 12/06/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 12/11/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: V 3 @ 4' (H904096-01)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 12/10/2019 | ND           | 1.74 | 87.1       | 2.00          | 12.2 |           |
| Toluene*                             | <0.050 | 0.050           | 12/10/2019 | ND           | 1.69 | 84.7       | 2.00          | 12.9 |           |
| Ethylbenzene*                        | 0.215  | 0.050           | 12/10/2019 | ND           | 1.73 | 86.5       | 2.00          | 12.5 |           |
| Total Xylenes*                       | 0.702  | 0.150           | 12/10/2019 | ND           | 5.25 | 87.4       | 6.00          | 12.4 |           |
| Total BTEX                           | 0.917  | 0.300           | 12/10/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1150   | 16.0            | 12/10/2019 | ND           | 400  | 100        | 400           | 7.69 | QM-07     |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 35.1   | 10.0            | 12/10/2019 | ND           | 225  | 113        | 200           | 1.94 |           |
| DRO >C10-C28*                        | 758    | 10.0            | 12/10/2019 | ND           | 228  | 114        | 200           | 3.10 |           |
| EXT DRO >C28-C36                     | 106    | 10.0            | 12/10/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 114    | % 41-142        | 2          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 128    | % 37.6-14       | 7          |              |      |            |               |      |           |

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 12/06/2019     | Sampling Date:      | 12/06/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 12/11/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: V 4 @ 3' (H904096-02)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 12/10/2019 | ND           | 1.74 | 87.1       | 2.00          | 12.2 |           |
| Toluene*                             | <0.050 | 0.050           | 12/10/2019 | ND           | 1.69 | 84.7       | 2.00          | 12.9 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 12/10/2019 | ND           | 1.73 | 86.5       | 2.00          | 12.5 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 12/10/2019 | ND           | 5.25 | 87.4       | 6.00          | 12.4 |           |
| Total BTEX                           | <0.300 | 0.300           | 12/10/2019 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 73.3-12       | 9          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 12/10/2019 | ND           | 400  | 100        | 400           | 7.69 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 12/10/2019 | ND           | 225  | 113        | 200           | 1.94 |           |
| DRO >C10-C28*                        | 468    | 10.0            | 12/10/2019 | ND           | 228  | 114        | 200           | 3.10 |           |
| EXT DRO >C28-C36                     | 86.4   | 10.0            | 12/10/2019 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 41-142        |            |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 37.6-14       | 7          |              |      |            |               |      |           |

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 12/06/2019     | Sampling Date:      | 12/06/2019     |
|-------------------|----------------|---------------------|----------------|
| Reported:         | 12/11/2019     | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465          | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY |                     |                |

### Sample ID: V 5 @ 3' (H904096-03)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 12/10/2019 | ND           | 400 | 100        | 400           | 7.69 |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
|-------|--|
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C  |
|       | Samples reported on an as received basis (wet) unless otherwise noted on report  |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

### Received by OCD: 9/29/2020 9:06:02 AM

FORM-006 R 2.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 affiliates or successors arisin Relinguished By PLEASE NOTE: Liability and Damages. Cardina'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 source. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliales or successors arising fut 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. Sampler - UPS - Bus - Other: Relinquished By Sampler Name: Project Name: Cole State #10 City: Project Location: Project #: Phone #: Project Manager: Company Name: Address: Delivered By: (Circle One) H904090 FOR LAB USE ONLY Lab I.D. 3 Lovington 11465 575-396-2378 3100 Plains Hwy 1 aboratories 101 East Marland, Hobbs, NM 88240 VYO 3. 15@3 (575) 393-2326 FAX (575) 393-2476 Joel Lowry Grizzly Energy, LLC 3 Rural Lea 8 Sample I.D. 5.10 assur State: Project Owner: Fax #: Date: Time: Time: Dater 575-396-1429 NM しも井 5 00 (G)RAB OR (C)OMP Zip: Received By: 5 **Received By:** Grizzly Energy, LLC # CONTAINERS GROUNDWATER 88260 Sample Condition Cool Intact Pres Pres WASTEWATER luala MATRIX SOIL 3 × OIL SLUDGE OTHER : City: State: NM Fax #: Phone #: Company: Address: 4001 Penbrook Attn: Carmen Pitt P.O. #: ACID/BASE: PRESERV CHECKED BY: ICE / COOL 10 × × BILL (Initials) OTHER : 12/6/19 Grizzley Operating Zip: 12/6/19 2/6/19 DATE SAMPLING 10 Phone Result: Fax Result: **REMARKS:** Email results to 10:55 TIME 1.55 10 1 Chloride □ Yes TPH BTEX 8021 N N N joel@etechenv.com Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 6 of 6



January 06, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: COLE STATE 10

Enclosed are the results of analyses for samples received by the laboratory on 12/31/19 16:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 12/31/2019            | Sampling Date:      | 12/23/2019    |
|-------------------|-----------------------|---------------------|---------------|
| Reported:         | 01/06/2020            | Sampling Type:      | Soil          |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact |
| Project Number:   | 11465                 | Sample Received By: | Jodi Henson   |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |               |

### Sample ID: V1 @ 4' (H904325-01)

| BTEX 8021B                           | mg     | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/02/2020      | ND           | 1.95 | 97.7       | 2.00          | 2.10  |           |
| Toluene*                             | 0.070  | 0.050           | 01/02/2020      | ND           | 1.95 | 97.6       | 2.00          | 1.84  |           |
| Ethylbenzene*                        | 0.342  | 0.050           | 01/02/2020      | ND           | 2.00 | 100        | 2.00          | 2.09  |           |
| Total Xylenes*                       | 0.591  | 0.150           | 01/02/2020      | ND           | 5.83 | 97.1       | 6.00          | 2.08  |           |
| Total BTEX                           | 1.00   | 0.300           | 01/02/2020      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112    | % 73.3-12       | 9               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 528    | 16.0            | 01/02/2020      | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | 37.9   | 10.0            | 01/03/2020      | ND           | 225  | 112        | 200           | 0.325 |           |
| DRO >C10-C28*                        | 5990   | 10.0            | 01/03/2020      | ND           | 219  | 110        | 200           | 0.765 |           |
| EXT DRO >C28-C36                     | 1450   | 10.0            | 01/03/2020      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 139    | % 41-142        | 2               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 315    | % 37.6-14       | 7               |              |      |            |               |       |           |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

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:         | 12/31/2019            | Sampling Date:      | 12/23/2019    |
|-------------------|-----------------------|---------------------|---------------|
| Reported:         | 01/06/2020            | Sampling Type:      | Soil          |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact |
| Project Number:   | 11465                 | Sample Received By: | Jodi Henson   |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |               |

### Sample ID: V2 @ 4' (H904325-02)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/03/2020 | ND           | 1.95 | 97.7       | 2.00          | 2.10  |           |
| Toluene*                             | <0.050 | 0.050           | 01/03/2020 | ND           | 1.95 | 97.6       | 2.00          | 1.84  |           |
| Ethylbenzene*                        | 0.155  | 0.050           | 01/03/2020 | ND           | 2.00 | 100        | 2.00          | 2.09  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/03/2020 | ND           | 5.83 | 97.1       | 6.00          | 2.08  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 73.3-12       | 9          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 896    | 16.0            | 01/02/2020 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | 11.7   | 10.0            | 01/03/2020 | ND           | 225  | 112        | 200           | 0.325 |           |
| DRO >C10-C28*                        | 697    | 10.0            | 01/03/2020 | ND           | 219  | 110        | 200           | 0.765 |           |
| EXT DRO >C28-C36                     | 173    | 10.0            | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 134    | % 41-142        | 2          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 153    | % 37.6-14       | 7          |              |      |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Celeg D. Keine

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:         | 12/31/2019            | Sampling Date:      | 12/23/2019    |
|-------------------|-----------------------|---------------------|---------------|
| Reported:         | 01/06/2020            | Sampling Type:      | Soil          |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact |
| Project Number:   | 11465                 | Sample Received By: | Jodi Henson   |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |               |

#### Sample ID: V4 @ 4' (H904325-03)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.100 | 0.100           | 01/03/2020 | ND           | 1.95 | 97.7       | 2.00          | 2.10  |           |
| Toluene*                             | <0.100 | 0.100           | 01/03/2020 | ND           | 1.95 | 97.6       | 2.00          | 1.84  |           |
| Ethylbenzene*                        | 0.417  | 0.100           | 01/03/2020 | ND           | 2.00 | 100        | 2.00          | 2.09  |           |
| Total Xylenes*                       | 0.557  | 0.300           | 01/03/2020 | ND           | 5.83 | 97.1       | 6.00          | 2.08  |           |
| Total BTEX                           | 0.974  | 0.600           | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9  | % 73.3-12       | 9          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 80.0   | 16.0            | 01/02/2020 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | 50.7   | 10.0            | 01/03/2020 | ND           | 225  | 112        | 200           | 0.325 |           |
| DRO >C10-C28*                        | 6970   | 10.0            | 01/03/2020 | ND           | 219  | 110        | 200           | 0.765 |           |
| EXT DRO >C28-C36                     | 1500   | 10.0            | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 157    | % 41-142        | 2          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 326    | % 37.6-14       | 7          |              |      |            |               |       |           |

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Celeg D. Keine

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:         | 12/31/2019            | Sampling Date:      | 12/23/2019    |
|-------------------|-----------------------|---------------------|---------------|
| Reported:         | 01/06/2020            | Sampling Type:      | Soil          |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact |
| Project Number:   | 11465                 | Sample Received By: | Jodi Henson   |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |               |

### Sample ID: V5 @ 4' (H904325-04)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/03/2020 | ND           | 1.95 | 97.7       | 2.00          | 2.10  |           |
| Toluene*                             | <0.050 | 0.050           | 01/03/2020 | ND           | 1.95 | 97.6       | 2.00          | 1.84  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/03/2020 | ND           | 2.00 | 100        | 2.00          | 2.09  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/03/2020 | ND           | 5.83 | 97.1       | 6.00          | 2.08  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 73.3-12       | 9          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 64.0   | 16.0            | 01/02/2020 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/03/2020 | ND           | 225  | 112        | 200           | 0.325 |           |
| DRO >C10-C28*                        | 654    | 10.0            | 01/03/2020 | ND           | 219  | 110        | 200           | 0.765 |           |
| EXT DRO >C28-C36                     | 156    | 10.0            | 01/03/2020 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 129    | % 41-142        | 2          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 161    | % 37.6-14       | 7          |              |      |            |               |       |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|------|--|
| ND   | Analyte NOT DETECTED at or above the reporting limit   |
| RPD  | Relative Percent Difference  |
| **   | Samples not received at proper temperature of 6°C or below.  |
| ***  | Insufficient time to reach temperature.  |
| -    | Chloride by SM4500Cl-B does not require samples be received at or below 6°C                                    |
|      | Samples reported on an as received basis (wet) unless otherwise noted on report                                |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Laboratories   | CHAIN-OF-CUSTODY AI  | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST         |
|--|--|---|
| 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476   |  | Page  |
| Project Manager: Smill and Annualed  | BILL TO  | ANALYSIS REQUEST                              |
| 0  | Company:   |   |
| 20   | Attn:  |   |
| 432-446-4450 Fax #:  | Address:   |   |
| Project #: ( @ le State 10 Project Owner: Gri22)y  | City;  |   |
|  | State: Zip:  |   |
| n: heg   | Phone #:   |   |
| Sampler Name: Miguel Kuminyz   | Fax #:   |   |
|  | PRESERV. SAMPLING  |   |
| B)RAB OR (C)OM<br>CONTAINERS<br>ROUNDWATER<br>ASTEWATER<br>DIL<br>L<br>UDGE  | THER :<br>DID/BASE:<br>E / COOL<br>THER :<br>HER :<br>NIORIDE<br>PH  |   |
| X104, 611 X  | X X 80, 41.552 X   |   |
| $\frac{3}{2} \frac{1}{100} \frac{1}{1$ |  |   |
| х<br>И Л 2 (м. И. 1)<br>И 2 (м. 1)   | x  |   |
|  |  |   |
|  |  |   |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contrast or toor shall be liabal to the  |  |   |
| service. In no event suburury trave tor megigionice and any other cases whatsoever shall be deemed wained unless made in writing and received by Cardinal within 30 days after completion of the applicable<br>service. In no event shall Cardinal be liable for indotration or consequential damages, including without limitation business interruptions, loss of use, or lass of profits incurred by client, its subsidiaries,<br>affinites or successors arising out of or related to the performance of services hereunder by Cardinal instance business interruptions, loss of use, or lass of profits incurred by client, its subsidiaries,<br>Boling into a local Bound Boun   | is mode in writing and received by Cardinal within 30 days after completion of the applicable<br>siress interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,<br>of whether such claims is based upon any of the above stated reasons or otherwise. |   |
| Time: 31.19 Received   | Phone Result:   Yes  No  Fax Result:  Yes  No  | Add'l Phone #:<br>Add'l Fax #:                |
| Relinquished By: Date: Received By:  | <b>(S:</b> email results to  | joel @ etech env.com<br>lance @ etech env.com |
|  | CHECKED BY: PM@ etechenu.com   | X   |
| Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476  | -2476  | 4.1   |
|  |  | -   |



February 24, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: COLE STATE 10

Enclosed are the results of analyses for samples received by the laboratory on 02/19/20 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 02/19/2020            | Sampling Date:      | 02/19/2020     |
|-------------------|-----------------------|---------------------|----------------|
| Reported:         | 02/24/2020            | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465                 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |                |

### Sample ID: V 1 @ 5 (H000526-01)

| TPH 8015M                     | mg/    | ′kg             | Analyze    | d By: CK     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/21/2020 | ND           | 198 | 99.2       | 200           | 0.403 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/21/2020 | ND           | 186 | 93.0       | 200           | 1.55  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/21/2020 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 94.9   | % 44.3-14       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 97.6   | % 42.2-15       | 6          |              |     |            |               |       |           |

### Sample ID: V 1 @ 6 (H000526-02)

| TPH 8015M                     | mg/            | kg              | Analyze    | d By: CK     |     |            |               |       |           |
|-------------------------------|----------------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result         | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0          | 10.0            | 02/21/2020 | ND           | 198 | 99.2       | 200           | 0.403 |           |
| DRO >C10-C28*                 | <10.0          | 10.0            | 02/21/2020 | ND           | 186 | 93.0       | 200           | 1.55  |           |
| EXT DRO >C28-C36              | <10.0          | 10.0            | 02/21/2020 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | <b>93</b> .8 9 | % 44.3-14       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 97.2 9         | 42.2-15         | 6          |              |     |            |               |       |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

| Received:         | 02/19/2020            | Sampling Date:      | 02/19/2020     |
|-------------------|-----------------------|---------------------|----------------|
| Reported:         | 02/24/2020            | Sampling Type:      | Soil           |
| Project Name:     | COLE STATE 10         | Sampling Condition: | Cool & Intact  |
| Project Number:   | 11465                 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY ENERGY-LEA CO |                     |                |

### Sample ID: V 4 @ 8 (H000526-03)

| TPH 8015M                     | mg/    | ′kg             | Analyze    | d By: CK     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/21/2020 | ND           | 198 | 99.2       | 200           | 0.403 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/21/2020 | ND           | 186 | 93.0       | 200           | 1.55  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/21/2020 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 94.3   | % 44.3-14       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 99.2   | % 42.2-15       | 6          |              |     |            |               |       |           |

### Sample ID: V 4 @ 9 (H000526-04)

| TPH 8015M                     | mg/    | kg              | Analyze    | d By: CK     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/21/2020 | ND           | 198 | 99.2       | 200           | 0.403 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/21/2020 | ND           | 186 | 93.0       | 200           | 1.55  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/21/2020 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 93.3 9 | 44.3-14         | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 97.1 9 | 42.2-15         | 6          |              |     |            |               |       |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| ND  | Analyte NOT DETECTED at or above the reporting limit                        |
|-----|---|
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below.                 |
| *** | Insufficient time to reach temperature.                                     |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

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

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Celey D. Keene, Lab Director/Quality Manager

| Laboratories   |   |   | CHAIN-OF-(            | CUSTODY               | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST |
|--|---|---|-----------------------|-----------------------|---------------------------------------|
| 101 East Mariand, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476   | 240<br>1476   |   |                       |                       |                                       |
| Company Name: Etech Environmental & Safety Solutions   | lions   | BILL TO   |                       |                       | ANALYSIS REQUEST                      |
| Project Manager: Joel Lowry  |   | P.O. #:   |                       |                       |                                       |
| Address: 3100 Plains Hwy   |   | Company: Cr. 2 24   |                       |                       |                                       |
| City: Lovington State: NM  | <b>Zip:</b> 88260   |   | #                     |                       |                                       |
| Phone #: 575-396-2378 Fax #: 575-396-1429  | 1429  |   |                       |                       |                                       |
| Project #: 1/465 Project Owner:  |   | City:   |                       |                       |                                       |
| the #10  |   | State: Zip:   |                       |                       |                                       |
| unal lee   |   | *   |                       |                       |                                       |
| C  |   | Fax #:  |                       |                       |                                       |
|  | MATRIX  | PRESERV SAMPIING  | PN<br>PN              |                       |                                       |
|  | RS<br>TER<br>ER   |   |                       | 1                     |                                       |
| Lab I.D. Sample I.D.   | (G)RAB OR (<br># CONTAINE<br>GROUNDWA<br>WASTEWATI<br>SOIL<br>OIL<br>SLUDGE   | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :<br>DATE  | Chloride              | BTEX 802 <sup>-</sup> |                                       |
| 1  | A V V   | UCP) X  | 9:60 X                | -                     |                                       |
| 9050   |   | 1-19-20   |                       |                       |                                       |
| 80 hn C  | 1   | 1 1-19-20   | 11:00 ×               |                       |                                       |
| 4 VG@q   | A /   | 06 N-1 X  | X 00:01               |                       |                                       |
|  |   |   |                       |                       |                                       |
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| Relinquished By: Date: 2/9/2   | Received By:  | s based upon any of the above stated rea  |                       |                       | Add'I Phone #:<br>Add'I Exx #:        |
| Relinquished By: Time:   | Received By:  |   | (S)                   | esults to             | PM@Etechenv.com<br>Client Contacts    |
| Delivered By: (Circle One) 3, 22<br>Sampler - UPS - Bus - Other:   | Sample Condition<br>Cool Intact<br>Yes Yes<br>No No   | ion CHECKED BY:<br>(Initials)   |                       |                       |                                       |
| † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476<br>FORM-006 R 2 0  | written changes to 575-3  | 93-2476   |                       |                       |                                       |

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Page 118 of 240

Page 5 of 5

Q

🔅 eurofins

Environment Testing Xenco

# Certificate of Analysis Summary 670837

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole State #10

Project Id:11465Contact:PMProject Location:Lea County,NM

Page 119 of 240

 Date Received in Lab:
 Tue 08.25.2020 11:15

 Report Date:
 08.31.2020 16:22

 Project Manager:
 Jessica Kramer

Lab Id: 670837-001 670837-002 670837-003 670837-004 670837-005 670837-006 Field Id: NWW1 NEW1 SWW1 FL1 @ 4' FL2 @ 4' FL3 @ 4' Analysis Requested Depth: 4- ft 4- ft 4- ft Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Sampled: 08.24.2020 00:00 08.24.2020 00:00 08.24.2020 00:00 08.24.2020 00:00 08.24.2020 00:00 08.24.2020 00:00 BTEX by EPA 8021B 08.26.2020 08:30 08.26.2020 08:30 08.26.2020 08:30 08.26.2020 08:30 08.26.2020 08:30 08.26.2020 08:30 Extracted: Analyzed: 08.26.2020 11:35 08.26.2020 11:55 08.26.2020 12:16 08.26.2020 12:36 08.26.2020 12:57 08.26.2020 13:17 RL mg/kg RL RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg mg/kg < 0.00200 < 0.00200 0.00200 < 0.00198 < 0.00199 0.00199 < 0.00201 0.00201 < 0.00199 0.00199 0.00200 0.00198 Benzene < 0.00200 < 0.00200 0.00200 < 0.00198 0.00198 0.00199 0.00201 Toluene < 0.00199 0.00199 0.00200 < 0.00199 0.0170 < 0.00199 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 0.0600 0.00201 Ethylbenzene 0.00398 < 0.00399 0.00399 < 0.00399 0.00399 < 0.00396 0.00396 < 0.00398 0.00398 0.0785 0.00402 < 0.00398 m,p-Xylenes < 0.00200 0.00200 o-Xylene < 0.00199 0.00199 < 0.00200 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 0.0595 0.00201 0.00200 < 0.00200 0.00200 < 0.00198 0.00198 0.00199 0.138 0.00201 < 0.00199 0.00199 < 0.00200 < 0.00199 Total Xylenes Total BTEX < 0.00199 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 0.215 0.00201 Chloride by EPA 300 Extracted: 08.25.2020 16:00 08.25.2020 16:00 08.25.2020 16:00 08.25.2020 16:00 08.25.2020 16:00 08.25.2020 16:00 08.25.2020 22:21 08.25.2020 22:37 08.25.2020 22:42 08.25.2020 22:48 08.25.2020 22:53 08.25.2020 23:03 Analyzed: RL RL RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Chloride 9.90 5.02 11.7 4.99 63.4 25.2 490 24.9 218 24.8 441 25.2 TPH By SW8015 Mod Extracted: 08.26.2020 12:00 08.26.2020 12:00 08.26.2020 12:00 08.26.2020 12:00 08.26.2020 12:00 08.26.2020 12:00 Analyzed: 08.28.2020 23:54 08.28.2020 22:42 08.29.2020 00:18 08.29.2020 00:41 08.29.2020 01:05 08.29.2020 01:29 RL mg/kg RL mg/kg RL RL RL mg/kg RL Units/RL: mg/kg mg/kg mg/kg Gasoline Range Hydrocarbons (GRO) < 50.0 50.0 < 50.0 50.0 <49.9 49.9 < 50.0 50.0 <49.9 49.9 226 49.9 Diesel Range Organics (DRO) 420 50.0 < 50.0 50.0 1260 49.9 < 50.0 50.0 228 49.9 1580 49.9 Motor Oil Range Hydrocarbons (MRO) < 50.0 50.0 < 50.0 50.0 117 49.9 <50.0 50.0 <49.9 49.9 120 49.9 Total TPH 420 50.0 < 50.0 50.0 1380 49.9 <50.0 50.0 228 49.9 1930 49.9

BRL - Below Reporting Limit

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

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# **Analytical Report 670837**

# for

# **Etech Environmental & Safety Solution, Inc**

**Project Manager: PM** 

Cole State #10

### 11465

### 08.31.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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 (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins Environment Testing

08.31.2020

Project Manager: **PM Etech Environmental & Safety Solution, Inc** P.O. Box 62228 Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **670837 Cole State #10** Project Address: Lea County,NM

**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) 670837. 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. 670837 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,

Jessica Vramer

Jessica Kramer Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 670837

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

Cole State #10

| Sample Id | Matrix | Date Collected   | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| NWW1      | S      | 08.24.2020 00:00 |              | 670837-001    |
| NEW1      | S      | 08.24.2020 00:00 |              | 670837-002    |
| SWW1      | S      | 08.24.2020 00:00 |              | 670837-003    |
| FL1 @ 4'  | S      | 08.24.2020 00:00 | 4 ft         | 670837-004    |
| FL2 @ 4'  | S      | 08.24.2020 00:00 | 4 ft         | 670837-005    |
| FL3 @ 4'  | S      | 08.24.2020 00:00 | 4 ft         | 670837-006    |

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# **CASE NARRATIVE**

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Cole State #10

Project ID: 11465 Work Order Number(s): 670837 Report Date: 08.31.2020 Date Received: 08.25.2020

### Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

### Analytical non conformances and comments:

Batch: LBA-3135648 BTEX by EPA 8021B

Lab Sample ID 670837-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 670837-001, -002, -003, -004, -005, -006.

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

Environment Testir Xenco

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

Cole State #10

| Sample Id: NWW1<br>Lab Sample Id: 670837-001   |   | Matrix:<br>Date Coll                   | Soil<br>ected: 08.24                      | .2020 00:00          |   | Date Received:08.25   | 5.2020 11:               | 15          |
|--|---|--|---|----------------------|---|---|--------------------------|-------------|
| Analytical Method: Chloride by El  | PA 300  |  |   |                      |   | Prep Method: E300   | )P                       |             |
| Tech: CHE  |   |  |   |                      |   | % Moisture:   |                          |             |
| Analyst: CHE   |   | Date Prep                              | : 08.25                                   | .2020 16:00          |   | Basis: Wet  | Weight                   |             |
| Seq Number: 3135539  |   |  |   |                      |   |   | U                        |             |
| Parameter  | Cas Number  | Result                                 | RL  |                      | Units                                     | Analysis Date   | Flag                     | Dil         |
| Chloride   | 16887-00-6  | 9.90                                   | 5.02                                      |                      | mg/kg                                     | 08.25.2020 22:21  |                          | 1           |
| Analytical Method: TPH By SW80   | 015 Mod   |  |   |                      |   | Prep Method: SW8  | 015P                     |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951   | )15 Mod   | Date Prep                              | : 08.26                                   | .2020 12:00          |   | % Moisture:   | 015P<br>Weight           |             |
| Tech:DVMAnalyst:ARMSeq Number:3135951  | )15 Mod<br>Cas Number   | Date Prep<br><b>Result</b>             | : 08.26.<br><b>RL</b>                     | .2020 12:00          |   | % Moisture:   |                          | Dil         |
| Tech: DVM<br>Analyst: ARM  |   |  | -   | .2020 12:00          |   | % Moisture:<br>Basis: Wet   | Weight                   | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter  | Cas Number  | Result                                 | RL  | .2020 12:00          | Units                                     | % Moisture:<br>Basis: Wet<br>Analysis Date  | Weight<br>Flag           |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610  | Result <50.0                           | <b>RL</b> 50.0                            | .2020 12:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 23:54  | Weight<br>Flag           | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                                   | Result<br><50.0<br>420                 | <b>RL</b><br>50.0<br>50.0                 | .2020 12:00          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 23:54<br>08.28.2020 23:54  | Weight<br>Flag<br>U      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635             | Result<br><50.0<br>420<br><50.0<br>420 | RL<br>50.0<br>50.0<br>50.0                | .2020 12:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 23:54<br>08.28.2020 23:54<br>08.28.2020 23:54<br>08.28.2020 23:54                                      | Weight<br>Flag<br>U      | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635<br>C | Result<br><50.0<br>420<br><50.0<br>420 | <b>RL</b><br>50.0<br>50.0<br>50.0<br>50.0 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 23:54<br>08.28.2020 23:54<br>08.28.2020 23:54<br>08.28.2020 23:54<br>08.28.2020 23:54<br>Analysis Date | Weight<br>Flag<br>U<br>U | 1<br>1<br>1 |

# **Certificate of Analytical Results 670837**

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

Cole State #10

| Sample Id:    | NWW1                 |             | Matrix:   | Soil                      |       | Date Received:08.2 | 25.2020 11 | :15 |
|---------------|----------------------|-------------|-----------|---------------------------|-------|--------------------|------------|-----|
| Lab Sample Io | 1: 670837-001        |             | Date Co   | llected: 08.24.2020 00:00 |       |                    |            |     |
| Analytical Me | ethod: BTEX by EPA 8 | 021B        |           |                           |       | Prep Method: SW    | 5035A      |     |
| Tech:         | KTL                  |             |           |                           |       | % Moisture:        |            |     |
| Analyst:      | KTL                  |             | Date Pre  | ep: 08.26.2020 08:30      |       | Basis: Wet         | Weight     |     |
| Seq Number:   | 3135648              |             |           |                           |       |                    |            |     |
| Parameter     |                      | Cas Number  | Result    | RL                        | Units | Analysis Date      | Flag       | Dil |
| Benzene       |                      | 71-43-2     | < 0.00199 | 0.00199                   | mg/kg | 08.26.2020 11:35   | U          | 1   |
| Toluene       |                      | 108-88-3    | < 0.00199 | 0.00199                   | mg/kg | 08.26.2020 11:35   | UX         | 1   |
| Ethylbenzene  |                      | 100-41-4    | < 0.00199 | 0.00199                   | mg/kg | 08.26.2020 11:35   | UX         | 1   |
| m,p-Xylenes   |                      | 179601-23-1 | < 0.00398 | 0.00398                   | mg/kg | 08.26.2020 11:35   | UX         | 1   |

| o-Xylene                      | 95-47-6   | < 0.0019                      | 9 0.00199         |            | mg/kg                   | 08.26.2020 11:35                      | UX   | 1 |
|-------------------------------|-----------|-------------------------------|-------------------|------------|-------------------------|---------------------------------------|------|---|
| Total Xylenes                 | 1330-20-7 | < 0.0019                      | 9 0.00199         |            | mg/kg                   | 08.26.2020 11:35                      | U    | 1 |
| Total BTEX                    |           | < 0.0019                      | 9 0.00199         |            | mg/kg                   | 08.26.2020 11:35                      | U    | 1 |
|                               |           |                               |                   |            |                         |                                       |      |   |
| Surrogate                     |           | Cas Number                    | % Recovery        | Units      | Limits                  | Analysis Date                         | Flag |   |
| Surrogate 1,4-Difluorobenzene |           | <b>Cas Number</b><br>540-36-3 | % Recovery<br>103 | Units<br>% | <b>Limits</b><br>70-130 | <b>Analysis Date</b> 08.26.2020 11:35 | Flag |   |

o-Terphenyl

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Environment Testir Xenco

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

Cole State #10

| Sample Id:NEW1Lab Sample Id:670837-002  |   | Matrix:<br>Date Colle                       | Soil<br>ected: 08.24.2020 00:     | 00                               | Date Received:08.25.2020 11:15   |                               |             |
|---|---|---|-----------------------------------|----------------------------------|--|-------------------------------|-------------|
| Analytical Method: Chloride by EF<br>Tech: CHE  | PA 300  |   |                                   |                                  | Prep Method: E300<br>% Moisture:   | 0P                            |             |
|   |   |   | 08 25 2020 16.                    | 00                               | ,  | Waight                        |             |
| Analyst: CHE<br>Seq Number: 3135539   |   | Date Prep                                   | : 08.25.2020 16:                  | 0                                | Dasis. Wet   | Weight                        |             |
| Parameter   | Cas Number  | Result                                      | RL                                | Units                            | Analysis Date  | Flag                          | Dil         |
| Chloride  | 16887-00-6  | 11.7  | 4.99                              | mg/kg                            | 08.25.2020 22:37   |                               | 1           |
| Analytical Method: TPH By SW80  | 15 Mod  |   |                                   |                                  | Prep Method: SW8   | 3015P                         |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951  | 15 Mod  | Date Prep                                   | : 08.26.2020 12:                  | 00                               | % Moisture:  | 3015P<br>Weight               |             |
| Tech: DVM<br>Analyst: ARM   | 015 Mod<br>Cas Number                                   | Date Prep<br><b>Result</b>                  | : 08.26.2020 12:<br>RL            | )0<br>Units                      | % Moisture:  |                               | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951  |   | -   |                                   |                                  | % Moisture:<br>Basis: Wet  | Weight                        | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter   | Cas Number  | Result                                      | RL                                | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)  | Cas Number<br>PHC610                                    | Result <50.0                                | RL 50.0                           | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 22:42   | Weight<br>Flag<br>U           | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 <50.0                   | <b>RL</b><br>50.0<br>50.0         | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 22:42<br>08.28.2020 22:42   | Weight<br>Flag<br>U<br>U      | 1<br>1      |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.0 <50.0 <50.0 <50.0 <50.0 | <b>RL</b><br>50.0<br>50.0<br>50.0 | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.28.2020 22:42<br>08.28.2020 22:42<br>08.28.2020 22:42<br>08.28.2020 22:42 | Weight<br>Flag<br>U<br>U<br>U | 1<br>1<br>1 |

111

%

70-130

08.28.2020 22:42

84-15-1

m,p-Xylenes

Total Xylenes

Surrogate

1,4-Difluorobenzene

4-Bromofluorobenzene

Total BTEX

o-Xylene

# **Certificate of Analytical Results 670837**

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

Cole State #10

| Sample Id:    | NEW1                 |            | Matrix:   | Soil                      |       | Date Received:08.2 | 25.2020 11 | :15 |
|---------------|----------------------|------------|-----------|---------------------------|-------|--------------------|------------|-----|
| Lab Sample I  | d: 670837-002        |            | Date Co   | llected: 08.24.2020 00:00 |       |                    |            |     |
| Analytical Me | ethod: BTEX by EPA 8 | 021B       |           |                           |       | Prep Method: SW    | 5035A      |     |
| Tech:         | KTL                  |            |           |                           |       | % Moisture:        |            |     |
| Analyst:      | KTL                  |            | Date Pre  | ep: 08.26.2020 08:30      |       | Basis: We          | t Weight   |     |
| Seq Number:   | 3135648              |            |           |                           |       |                    |            |     |
| Parameter     |                      | Cas Number | Result    | RL                        | Units | Analysis Date      | Flag       | Dil |
| Benzene       |                      | 71-43-2    | < 0.00200 | 0.00200                   | mg/kg | 08.26.2020 11:55   | U          | 1   |
| Toluene       |                      | 108-88-3   | < 0.00200 | 0.00200                   | mg/kg | 08.26.2020 11:55   | U          | 1   |
| Ethylbenzene  |                      | 100-41-4   | < 0.00200 | 0.00200                   | mg/kg | 08.26.2020 11:55   | U          | 1   |

0.00399

0.00200

0.00200

0.00200

% Recovery

108

107

mg/kg

mg/kg

mg/kg

mg/kg

Limits

70-130

70-130

Units

%

%

08.26.2020 11:55

08.26.2020 11:55

08.26.2020 11:55

08.26.2020 11:55

**Analysis Date** 

08.26.2020 11:55

08.26.2020 11:55

U

U

U

U

Flag

1

1

1

1

.

< 0.00399

< 0.00200

< 0.00200

< 0.00200

**Cas Number** 

540-36-3

460-00-4

179601-23-1

95-47-6

1330-20-7

| Pag | e | 9 | of | 23 |
|-----|---|---|----|----|
|     |   |   |    |    |

#### Environment Testir Xenco

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

Cole State #10

| Sample Id: SWW1<br>Lab Sample Id: 670837-003   |  | Matrix:<br>Date Col                    | Soil<br>lected: 08.24                             | .2020 00:00           |                                  | Date Received:08.2   | 5.2020 11:          | 15              |
|--|--|--|---|-----------------------|----------------------------------|--|---------------------|-----------------|
| Analytical Method: Chloride by EF  | PA 300   |  |   |                       |                                  | Prep Method: E300  | )P                  |                 |
| Tech: CHE  |  |  |   |                       |                                  | % Moisture:  |                     |                 |
| Analyst: CHE   |  | Date Pre                               | n: 08.25  | .2020 16:00           |                                  | Basis: Wet   | Weight              |                 |
| Seq Number: 3135539  |  | 2 4 10 1 10                            | P   |                       |                                  |  | U                   |                 |
| Parameter  | Cas Number   | Result                                 | RL  |                       | Units                            | Analysis Date  | Flag                | Dil             |
| Chloride   | 16887-00-6   | 63.4                                   | 25.2  |                       | mg/kg                            | 08.25.2020 22:42   |                     | 5               |
| Analytical Method: TPH By SW80   | 015 Mod  |  |   |                       |                                  | Prep Method: SW8   | 8015P               |                 |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951   | 115 Mod  | Date Prej                              | p: 08.26  | 5.2020 12:00          |                                  | % Moisture:  | 8015P<br>Weight     |                 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951   | 015 Mod<br>Cas Number  | Date Prej<br>Result                    | p: 08.26<br><b>RL</b>                             | 5.2020 12:00          | Units                            | % Moisture:  |                     | Dil             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter  |  |  | F -   | 5.2020 12:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b><br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number   | Result                                 | RL  | 5.2020 12:00          |                                  | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |                 |
| Tech: DVM<br>Analyst: ARM  | Cas Number<br>PHC610   | <b>Result</b><br><49.9                 | RL<br>49.9  | 5.2020 12:00          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:18   | Weight<br>Flag      | 1               |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                              | Result<br><49.9<br>1260                | <b>RL</b><br>49.9<br>49.9                         | 5.2020 12:00          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:18<br>08.29.2020 00:18   | Weight<br>Flag      | 1               |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635        | Result<br><49.9<br>1260<br>117<br>1380 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | 5.2020 12:00<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:18<br>08.29.2020 00:18<br>08.29.2020 00:18<br>08.29.2020 00:18 | Weight<br>Flag      | 1<br>1<br>1     |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Fotal TPH | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>1260<br>117<br>1380 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                       | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:18<br>08.29.2020 00:18<br>08.29.2020 00:18<br>08.29.2020 00:18 | Weight<br>Flag<br>U | 1<br>1<br>1     |

# **Certificate of Analytical Results 670837**

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

Cole State #10

| Sample Id:   | SWW1                  |            | Matrix:   | Soil                   |       | Date Received:08.2 | 25.2020 11 | :15 |
|--------------|-----------------------|------------|-----------|------------------------|-------|--------------------|------------|-----|
| Lab Sample   | Id: 670837-003        |            | Date Co   | llected: 08.24.2020 00 | ):00  |                    |            |     |
| Analytical M | Iethod: BTEX by EPA 8 | 8021B      |           |                        |       | Prep Method: SW    | 5035A      |     |
| Tech:        | KTL                   |            |           |                        |       | % Moisture:        |            |     |
| Analyst:     | KTL                   |            | Date Pre  | ep: 08.26.2020 08      | 3:30  | Basis: We          | t Weight   |     |
| Seq Number   | : 3135648             |            |           |                        |       |                    |            |     |
| Parameter    |                       | Cas Number | Result    | RL                     | Units | Analysis Date      | Flag       | Dil |
| Benzene      |                       | 71-43-2    | < 0.00200 | 0.00200                | mg/kg | 08.26.2020 12:16   | U          | 1   |
| Toluene      |                       | 108-88-3   | < 0.00200 | 0.00200                | mg/kg | 08.26.2020 12:16   | U          | 1   |
| Ethylbenzene |                       | 100-41-4   | < 0.00200 | 0.00200                | mg/kg | 08.26.2020 12:16   | U          | 1   |

| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 08.26.2020 12:16 | U    | 1 |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|---|
| m,p-Xylenes          | 179601-23-1 | < 0.00399  | 0.00399    |       | mg/kg  | 08.26.2020 12:16 | U    | 1 |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.26.2020 12:16 | U    | 1 |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.26.2020 12:16 | U    | 1 |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.26.2020 12:16 | U    | 1 |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |
| 4-Bromofluorobenzene |             | 460-00-4   | 111        | %     | 70-130 | 08.26.2020 12:16 |      |   |
| 1,4-Difluorobenzene  |             | 540-36-3   | 107        | %     | 70-130 | 08.26.2020 12:16 |      |   |

Xenco

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

Cole State #10

| Sample Id: H<br>Lab Sample Id: 6  | <b>FL1 @ 4'</b><br>670837-004   |   | Matrix:<br>Date Co        | Soil<br>llected: 08.24                     | .2020 00:00          |   | Date Received:08.2<br>Sample Depth: 4 ft   | 5.2020 11:                                 | .15         |
|---|---|---|---------------------------|--|----------------------|---|--|--|-------------|
| Analytical Metho  | od: Chloride by EP  | A 300   |                           |  |                      |   | Prep Method: E30   | 0P   |             |
| Tech: C   | CHE   |   |                           |  |                      |   | % Moisture:  |  |             |
| Analyst: C  | CHE   |   | Date Pre                  | ep: 08.25                                  | .2020 16:00          |   | Basis: Wet   | Weight                                     |             |
| Seq Number: 3   | 135539  |   |                           | 1  |                      |   |  | Ū  |             |
| Parameter   |   | Cas Number  | Result                    | RL   |                      | Units                                     | Analysis Date  | Flag                                       | Dil         |
| Chloride  |   | 16887-00-6  | 490                       | 24.9                                       |                      | mg/kg                                     | 08.25.2020 22:48   |  | 5           |
| 5   | od: TPH By SW80   | 15 Mod  |                           |  |                      |   | Prep Method: SW  | 8015P                                      |             |
| Tech: D<br>Analyst: A<br>Seq Number: 3  | od: TPH By SW80<br>DVM<br>ARM<br>135951                                   |   | Date Pre                  | ep: 08.26                                  | .2020 12:00          |   | % Moisture:  | 8015P<br>Weight                            |             |
| Tech: D<br>Analyst: A<br>Seq Number: 3  | DVM<br>ARM  | 15 Mod<br>Cas Number                                    | Date Pre<br>Result        | ep: 08.26<br>RL                            | .2020 12:00          |   | % Moisture:  |  | Dil         |
| Tech: D<br>Analyst: A<br>Seq Number: 3<br>Parameter   | DVM<br>ARM<br>135951  |   |                           | r.   | .2020 12:00          |   | % Moisture:<br>Basis: Wet  | Weight                                     | <b>Dil</b>  |
| Tech: D<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hyd   | DVM<br>ARM<br>135951<br>drocarbons (GRO)                                  | Cas Number  | Result                    | RL   | .2020 12:00          | Units                                     | Moisture:<br>Basis: Wet  | Weight<br>Flag                             |             |
| Tech: D<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hyd<br>Diesel Range Organ   | DVM<br>ARM<br>135951<br>drocarbons (GRO)<br>hics (DRO)                    | Cas Number<br>PHC610                                    | Result                    | RL<br>50.0                                 | .2020 12:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:41   | Weight<br>Flag<br>U                        | 1           |
| Tech: D<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hyd<br>Diesel Range Organ<br>Motor Oil Range Hydro                | DVM<br>ARM<br>135951<br>drocarbons (GRO)<br>hics (DRO)                    | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 <50.0 | RL<br>50.0<br>50.0                         | .2020 12:00          | Units<br>mg/kg<br>mg/kg                   | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 00:41           08.29.2020 00:41   | Weight<br>Flag<br>U<br>U                   | 1           |
| Tech: D<br>Analyst: A   | DVM<br>ARM<br>135951<br>drocarbons (GRO)<br>hics (DRO)                    | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.0    | RL<br>50.0<br>50.0<br>50.0                 | .2020 12:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 00:41           08.29.2020 00:41           08.29.2020 00:41           08.29.2020 00:41           08.29.2020 00:41           08.29.2020 00:41 | Weight<br>Flag<br>U<br>U<br>U              | 1<br>1<br>1 |
| Tech: D<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hydro<br>Diesel Range Organ<br>Motor Oil Range Hydro<br>Fotal TPH | DVM<br>ARM<br>135951<br>drocarbons (GRO)<br>nics (DRO)<br>rocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.0    | RL<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 00:41<br>08.29.2020 00:41<br>08.29.2020 00:41<br>08.29.2020 00:41<br>08.29.2020 00:41<br>Analysis Date  | Weight<br>Flag<br>U<br>U<br>U<br>U<br>Flag | 1<br>1<br>1 |

Environment Testir Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample Id | FL1 @ 4'             |            | Matrix:       | Soil<br>1: 08.24.2020 00:00 |       | Date Received<br>Sample Depth |        | 020 11:1 | 5   |
|-----------------------------|----------------------|------------|---------------|-----------------------------|-------|-------------------------------|--------|----------|-----|
| •                           |                      |            | Date Conected | 1: 08.24.2020 00:00         |       | 1 1                           |        |          |     |
| Analytical Me               | thod: BTEX by EPA 80 | 21B        |               |                             |       | Prep Method:                  | SW5035 | 5A       |     |
| Tech:                       | KTL                  |            |               |                             |       | % Moisture:                   |        |          |     |
| Analyst:                    | KTL                  |            | Date Prep:    | 08.26.2020 08:30            |       | Basis:                        | Wet We | ight     |     |
| Seq Number:                 | 3135648              |            |               |                             |       |                               |        |          |     |
| Parameter                   |                      | Cas Number | Result RI     |                             | Units | Analysis Da                   | nte F  | ไลฮ      | Dil |

| Parameter            | Cas Numbe   | r Kesun    | KL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00396  | 0.00396    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| Total BTEX           |             | < 0.00198  | 0.00198    |       | mg/kg  | 08.26.2020 12:36 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 104        | %     | 70-130 | 08.26.2020 12:36 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 112        | %     | 70-130 | 08.26.2020 12:36 |      |     |

o-Terphenyl

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Xenco

# **Certificate of Analytical Results 670837**

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

Cole State #10

| Sample Id:         FL2 @ 4'           Lab Sample Id:         670837-005   |   | Matrix:<br>Date Col                    | Soil<br>lected: 08.24.        | .2020 00:00          |                                  | Date Received:08.2.<br>Sample Depth: 4 ft  | 5.2020 11:          | 15          |
|---|---|--|-------------------------------|----------------------|----------------------------------|--|---------------------|-------------|
| Analytical Method: Chloride by EF   | PA 300  |  |                               |                      |                                  | Prep Method: E300  | OP                  |             |
| Tech: CHE   |   |  |                               |                      |                                  | % Moisture:  |                     |             |
| Analyst: CHE  |   | Date Pre                               | p: 08.25.                     | .2020 16:00          |                                  | Basis: Wet   | Weight              |             |
| Seq Number: 3135539   |   |  |                               |                      |                                  |  |                     |             |
| Parameter   | Cas Number  | Result                                 | RL                            |                      | Units                            | Analysis Date  | Flag                | Dil         |
| Chloride  | 16887-00-6  | 218                                    | 24.8                          |                      | mg/kg                            | 08.25.2020 22:53   |                     | 5           |
| Analytical Method: TPH By SW80  | )15 Mod   |  |                               |                      |                                  | Prep Method: SW8   | 3015P               |             |
| Tech: DVM<br>Analyst: ARM   | )15 Mod   | Date Pre                               | p: 08.26.                     | .2020 12:00          |                                  | % Moisture:  | 3015P<br>Weight     |             |
| Tech: DVM   | )15 Mod<br>Cas Number                                   |  | p: 08.26.<br><b>RL</b>        | .2020 12:00          |                                  | % Moisture:  |                     | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter   |   |  | <b>P</b> •                    | .2020 12:00          |                                  | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)  | Cas Number  | Result                                 | RL                            | .2020 12:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number<br>PHC610                                    | Result                                 | RL<br>49.9                    | .2020 12:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:05   | Weight<br>Flag      | 1           |
| Tech:DVMAnalyst:ARMSeq Number:3135951   | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <49.9 228                | <b>RL</b><br>49.9<br>49.9     | .2020 12:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:05<br>08.29.2020 01:05   | Weight<br>Flag<br>U | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135951<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>228<br><49.9<br>228 | <b>RL</b> 49.9 49.9 49.9 49.9 | .2020 12:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:05<br>08.29.2020 01:05<br>08.29.2020 01:05<br>08.29.2020 01:05 | Weight<br>Flag<br>U | 1<br>1<br>1 |

110

%

70-130

08.29.2020 01:05

84-15-1

#### Environment Testin Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample I | <b>FL2 @ 4'</b><br>d: 670837-005 |            | Matrix:<br>Date Collected | Soil<br>1: 08.24.2020 00:00 |       | Date Received<br>Sample Depth |       | 2020 11: | 15  |
|----------------------------|----------------------------------|------------|---------------------------|-----------------------------|-------|-------------------------------|-------|----------|-----|
| 5                          | ethod: BTEX by EPA 80            | 21B        |                           |                             |       | Prep Method:                  | SW50  | 35A      |     |
| Tech:                      | KTL                              |            |                           |                             |       | % Moisture:                   |       |          |     |
| Analyst:                   | KTL                              |            | Date Prep:                | 08.26.2020 08:30            |       | Basis:                        | Wet V | Veight   |     |
| Seq Number:                | 3135648                          |            |                           |                             |       |                               |       |          |     |
| Parameter                  |                                  | Cas Number | Result RI                 |                             | Units | Analysis D                    | ate   | Flag     | Dil |

| Parameter            | Cas Numbe   | r Kesuit   | KL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| Total BTEX           |             | < 0.00199  | 0.00199    |       | mg/kg  | 08.26.2020 12:57 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 106        | %     | 70-130 | 08.26.2020 12:57 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 104        | %     | 70-130 | 08.26.2020 12:57 |      |     |

### Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample Id:  | <b>FL3 @ 4'</b><br>: 670837-006   |  | Matrix:<br>Date Col                  | Soil<br>lected: 08.24                             | .2020 00:00          |   | Date Received:08.23<br>Sample Depth: 4 ft  | 5.2020 11:      | :15             |
|---|---|--|--------------------------------------|---|----------------------|---|--|-----------------|-----------------|
| Analytical Met  | thod: Chloride by EPA   | A 300  |                                      |   |                      |   | Prep Method: E300  | )P              |                 |
| Tech:   | CHE   |  |                                      |   |                      |   | % Moisture:  |                 |                 |
| Analyst:  | CHE   |  | Date Pre                             | p: 08.25  | .2020 16:00          |   | Basis: Wet   | Weight          |                 |
| Seq Number:   | 3135539   |  |                                      | L   |                      |   |  | -               |                 |
| Parameter   |   | Cas Number   | Result                               | RL  |                      | Units                                     | Analysis Date  | Flag            | Dil             |
| Chloride  |   | 16887-00-6   | 441                                  | 25.2  |                      | mg/kg                                     | 08.25.2020 23:03   |                 | 5               |
| -   | thod: TPH By SW801  | 5 Mod  |                                      |   |                      |   | Prep Method: SW8   | 8015P           |                 |
| Tech:   | DVM<br>ARM  | 5 Mod  | Date Pre                             | p: 08.26  | .2020 12:00          |   | % Moisture:  | 8015P<br>Weight |                 |
| Tech:<br>Analyst:   | DVM<br>ARM  | 5 Mod<br>Cas Number  | Date Prej<br><b>Result</b>           | p: 08.26<br><b>RL</b>                             | .2020 12:00          |   | % Moisture:  |                 | Dil             |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter   | DVM<br>ARM  |  |                                      | F -   | .2020 12:00          |   | % Moisture:<br>Basis: Wet  | Weight          | <b>Dil</b><br>1 |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range I   | DVM<br>ARM<br>3135951<br>Hydrocarbons (GRO)                                       | Cas Number   | Result                               | RL  | .2020 12:00          | Units                                     | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight          |                 |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range I<br>Diesel Range Org                                   | DVM<br>ARM<br>3135951<br>Hydrocarbons (GRO)                                       | Cas Number<br>PHC610   | Result 226                           | RL<br>49.9  | .2020 12:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:29   | Weight          | 1               |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range I<br>Diesel Range Org<br>Motor Oil Range H              | DVM<br>ARM<br>3135951<br>Hydrocarbons (GRO)<br>ganics (DRO)                       | Cas Number<br>PHC610<br>C10C28DRO                              | Result<br>226<br>1580                | <b>RL</b><br>49.9<br>49.9                         | .2020 12:00          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:29<br>08.29.2020 01:29   | Weight          | 1               |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range I<br>Diesel Range Org<br>Jotor Oil Range H              | DVM<br>ARM<br>3135951<br>Hydrocarbons (GRO)<br>ganics (DRO)                       | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br>226<br>1580<br>120<br>1930 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | .2020 12:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29   | Weight          | 1<br>1<br>1     |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range I<br>Diesel Range Org<br>Motor Oil Range H<br>Fotal TPH | DVM<br>ARM<br>3135951<br>Hydrocarbons (GRO)<br>ganics (DRO)<br>Iydrocarbons (MRO) | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br>226<br>1580<br>120<br>1930 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29<br>08.29.2020 01:29 | Weight<br>Flag  | 1<br>1<br>1     |

### Xenco

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

Cole State #10

| Sample Id: Fl<br>Lab Sample Id: 67 | L <b>3 @ 4'</b><br>70837-006 |            | Matrix:<br>Date Collecte | Soil<br>d: 08.24.2020 00:00 |       | Date Received<br>Sample Depth |       | 5.2020 11: | 15  |
|------------------------------------|------------------------------|------------|--------------------------|-----------------------------|-------|-------------------------------|-------|------------|-----|
| 2                                  | l: BTEX by EPA 8021          | В          |                          |                             |       | Prep Method:                  | SW5   | 035A       |     |
| Tech: KT                           | Ľ                            |            |                          |                             |       | % Moisture:                   |       |            |     |
| Analyst: KT                        | TL                           |            | Date Prep:               | 08.26.2020 08:30            |       | Basis:                        | Wet V | Weight     |     |
| Seq Number: 313                    | 35648                        |            |                          |                             |       |                               |       |            |     |
| Parameter                          |                              | Cas Number | Result RI                |                             | Units | Analysis Da                   | ate   | Flag       | Dil |

| Parameter            | Cas Numbe   | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00201  | 0.00201    |       | mg/kg  | 08.26.2020 13:17 | U    | 1   |
| Toluene              | 108-88-3    | 0.0170     | 0.00201    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| Ethylbenzene         | 100-41-4    | 0.0600     | 0.00201    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| m,p-Xylenes          | 179601-23-1 | 0.0785     | 0.00402    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| o-Xylene             | 95-47-6     | 0.0595     | 0.00201    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| Total Xylenes        | 1330-20-7   | 0.138      | 0.00201    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| Total BTEX           |             | 0.215      | 0.00201    |       | mg/kg  | 08.26.2020 13:17 |      | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 121        | %     | 70-130 | 08.26.2020 13:17 |      |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 101        | %     | 70-130 | 08.26.2020 13:17 |      |     |

#### Environment Testing Xenco

- 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      |                  |                            |                                 |
|-----------------------------------|----------------------|------------------|----------------------------|---------------------------------|
| <b>RL</b> Reporting Limit         |                      |                  |                            |                                 |
| MDL Method Detection Limit        | SDL Sample De        | tection Limit    | LOD Limit of Detection     |                                 |
| PQL Practical Quantitation Limit  | MQL Method Qu        | antitation Limit | LOQ Limit of Quantitatio   | n                               |
| 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/Labo | ratory Control Sample Duplicate |
| MD/SD Method Duplicate/Samp       | ole Duplicate        | MS               | Matrix Spike               | MSD: Matrix Spike Duplicate     |
| + NELAC certification not offered | l for this compound. |                  |                            |                                 |

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

QC Summary 670837

eurofins Environment Testing Xenco

# Etech Environmental & Safety Solution, Inc

Cole State #10

|                                   |                     |                  |                 |                     |             |                | C #10        |        |      |                      |           |                          |      |
|-----------------------------------|---------------------|------------------|-----------------|---------------------|-------------|----------------|--------------|--------|------|----------------------|-----------|--------------------------|------|
| Analytical Method:<br>Seq Number: | Chloride by 3135539 | y EPA 3(         | )0              |                     | Matrix:     | Solid          |              |        | Pi   | rep Metho<br>Date Pr |           | 00P<br>25.2020           |      |
| MB Sample Id:                     | 7710137-1-          | BLK              |                 | LCS Sar             | nple Id:    | 7710137-       | 1-BKS        |        | LCS  |                      | -         | 0137-1-BSD               |      |
| Parameter                         |                     | MB<br>Result     | Spike<br>Amount | LCS<br>Result       | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit         | Units     | Analysis<br>Date         | Flag |
| Chloride                          |                     | < 5.00           | 250             | 247                 | 99          | 246            | 98           | 90-110 | 0    | 20                   | mg/kg     | 08.25.2020 21:39         |      |
|                                   |                     |                  |                 |                     |             |                |              |        |      |                      |           |                          |      |
| Analytical Method:                | Chloride b          | v EPA 3(         | 00              |                     |             |                |              |        | Pi   | rep Metho            | od: E30   | 00P                      |      |
| Seq Number:                       | 3135539             | ,                |                 |                     | Matrix:     | Soil           |              |        |      | Date Pr              |           | 25.2020                  |      |
| Parent Sample Id:                 | 670837-006          | ō                |                 | MS Sar              | nple Id:    | 670837-0       | 06 S         |        | MS   |                      | -         | 837-006 SD               |      |
| Parameter                         |                     | Parent<br>Result | Spike<br>Amount | MS<br>Result        | MS<br>%Rec  | MSD<br>Result  | MSD<br>%Rec  | Limits | %RPD | RPD<br>Limit         | Units     | Analysis<br>Date         | Flag |
| Chloride                          |                     | 441              | 1260            | 1800                | 108         | 1800           | 108          | 90-110 | 0    | 20                   | mg/kg     | 08.25.2020 23:09         |      |
|                                   |                     |                  |                 |                     |             |                |              |        |      |                      |           |                          |      |
| Analytical Method:                | Chloride by         | y EPA 3(         | )0              |                     |             |                |              |        | Pi   | rep Metho            | od: E30   | 00P                      |      |
| Seq Number:                       | 3135539             |                  |                 |                     | Matrix:     |                |              |        |      | Date Pr              | -         | 25.2020                  |      |
| Parent Sample Id:                 | 670839-011          |                  |                 | MS Sai              | nple Id:    | 670839-0       | 11 S         |        | MS   | D Sample             | e Id: 670 | 839-011 SD               |      |
| Parameter                         |                     | Parent<br>Result | Spike<br>Amount | MS<br>Result        | MS<br>%Rec  | MSD<br>Result  | MSD<br>%Rec  | Limits | %RPD | RPD<br>Limit         | Units     | Analysis<br>Date         | Flag |
| Chloride                          |                     | 652              | 250             | 889                 | 95          | 893            | 96           | 90-110 | 0    | 20                   | mg/kg     | 08.25.2020 21:55         |      |
|                                   |                     |                  |                 |                     |             |                |              |        |      |                      |           |                          |      |
| Analytical Method:                | TPH By SV           | V8015 M          | [od]            |                     |             |                |              |        | P    | rep Metho            | od SW     | 8015P                    |      |
| Seq Number:                       | 3135951             | 10010 10         | lou             |                     | Matrix:     | Solid          |              |        | 11   | Date Pr              |           | 26.2020                  |      |
| MB Sample Id:                     | 7710240-1-          | BLK              |                 | LCS Sar             | nple Id:    | 7710240-       | 1-BKS        |        | LCS  |                      | -         | 0240-1-BSD               |      |
| Parameter                         |                     | MB<br>Result     | Spike<br>Amount | LCS<br>Result       | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit         | Units     | Analysis<br>Date         | Flag |
| Gasoline Range Hydrocarb          | ons (GRO)           | < 50.0           | 1000            | 937                 | 94          | 975            | 98           | 70-130 | 4    | 20                   | mg/kg     | 08.28.2020 21:51         |      |
| Diesel Range Organics             | (DRO)               | <50.0            | 1000            | 1010                | 101         | 1010           | 101          | 70-130 | 0    | 20                   | mg/kg     | 08.28.2020 21:51         |      |
| Surrogate                         |                     | MB<br>%Rec       | MB<br>Flag      |                     | CS<br>Rec   | LCS<br>Flag    | LCSI<br>%Re  |        |      | imits                | Units     | Analysis<br>Date         |      |
| 1-Chlorooctane                    |                     | 98               |                 | (                   | 94          |                | 92           |        | 70   | -130                 | %         | 08.28.2020 21:51         |      |
| o-Terphenyl                       |                     | 102              |                 |                     | 96          |                | 84           |        | 70   | -130                 | %         | 08.28.2020 21:51         |      |
|                                   |                     |                  |                 |                     |             |                |              |        |      |                      |           |                          |      |
| Analytical Method:                | TPH By SV           | V8015 M          | [od             |                     |             |                |              |        | Pı   | rep Metho            | od: SW    | 8015P                    |      |
| Seq Number:                       | 3135951             |                  |                 |                     | Matrix:     | Solid          |              |        |      | Date Pr              |           | 26.2020                  |      |
|                                   |                     |                  |                 | MB Sar              | nple Id:    | 7710240-       | 1-BLK        |        |      |                      |           |                          |      |
| Parameter                         |                     |                  |                 | MB                  |             |                |              |        |      |                      | Units     | Analysis                 | Flag |
| Motor Oil Range Hydrocarl         | hons (MRO)          |                  |                 | <b>Result</b> <50.0 |             |                |              |        |      |                      | malia     | Date<br>08.28.2020 21:24 | -    |
| motor on Range Hydrocal           |                     |                  |                 | <30.0               |             |                |              |        |      |                      | mg/kg     | 55.25.2020 21.24         |      |
|                                   |                     |                  |                 |                     |             |                |              |        |      |                      |           |                          |      |

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

.

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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# QC Summary 670837

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# Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:       | TPH By S  | W8015 M          | lod             |              |            |               |             |        | Pi   | ep Metho     | od: SW    | 8015P            |      |
|--------------------------|-----------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:              | 3135951   |                  |                 | ]            | Matrix:    | Soil          |             |        |      | Date Pr      | ep: 08.2  | 26.2020          |      |
| Parent Sample Id:        | 670837-00 | 2                |                 | MS San       | nple Id:   | 670837-00     | 02 S        |        | MS   | D Sample     | e Id: 670 | 837-002 SD       |      |
| Parameter                |           | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarb | ons (GRO) | <49.9            | 998             | 1060         | 106        | 1090          | 109         | 70-130 | 3    | 20           | mg/kg     | 08.28.2020 23:06 |      |
| Diesel Range Organics    | (DRO)     | <49.9            | 998             | 1180         | 118        | 1210          | 121         | 70-130 | 3    | 20           | mg/kg     | 08.28.2020 23:06 |      |
| Surrogate                |           |                  |                 |              | IS<br>Rec  | MS<br>Flag    | MSD<br>%Re  |        |      | mits         | Units     | Analysis<br>Date |      |
| 1-Chlorooctane           |           |                  |                 | 1            | 15         |               | 117         | ,      | 70   | -130         | %         | 08.28.2020 23:06 |      |
| o-Terphenyl              |           |                  |                 | 1            | 16         |               | 117         | ,      | 70   | -130         | %         | 08.28.2020 23:06 |      |

| Analytical Method:   | BTEX by EPA 8021 | lB              |               |             |                |              |        | P    | rep Metho    | od: SW    | 5035A            |      |
|----------------------|------------------|-----------------|---------------|-------------|----------------|--------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:          | 3135648          |                 | ]             | Matrix:     | Solid          |              |        |      | Date Pr      | ep: 08.2  | 26.2020          |      |
| MB Sample Id:        | 7710249-1-BLK    |                 | LCS San       | nple Id:    | 7710249-       | I-BKS        |        | LCS  | D Sample     | e Id: 771 | 0249-1-BSD       |      |
| Parameter            | MB<br>Result     | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Benzene              | < 0.00200        | 0.100           | 0.0914        | 91          | 0.0864         | 86           | 70-130 | 6    | 35           | mg/kg     | 08.26.2020 09:14 |      |
| Toluene              | < 0.00200        | 0.100           | 0.0836        | 84          | 0.0816         | 82           | 70-130 | 2    | 35           | mg/kg     | 08.26.2020 09:14 |      |
| Ethylbenzene         | < 0.00200        | 0.100           | 0.0856        | 86          | 0.0851         | 85           | 70-130 | 1    | 35           | mg/kg     | 08.26.2020 09:14 |      |
| m,p-Xylenes          | < 0.00400        | 0.200           | 0.172         | 86          | 0.175          | 88           | 70-130 | 2    | 35           | mg/kg     | 08.26.2020 09:14 |      |
| o-Xylene             | < 0.00200        | 0.100           | 0.0862        | 86          | 0.0872         | 87           | 70-130 | 1    | 35           | mg/kg     | 08.26.2020 09:14 |      |
| Surrogate            | MB<br>%Rec       | MB<br>Flag      |               | CS<br>Rec   | LCS<br>Flag    | LCSI<br>%Ree |        |      | imits        | Units     | Analysis<br>Date |      |
| 1,4-Difluorobenzene  | 100              |                 | 10            | 01          |                | 97           |        | 70   | -130         | %         | 08.26.2020 09:14 |      |
| 4-Bromofluorobenzene | 97               |                 | 1             | 04          |                | 106          |        | 70   | -130         | %         | 08.26.2020 09:14 |      |

| <b>Analytical Method:</b><br>Seq Number:<br>Parent Sample Id: | <b>BTEX by EPA 8021</b><br>3135648<br>670837-001 | В               | ]<br>MS San  | Matrix:<br>nple Id: |               | )1 S        |        |      | rep Methe<br>Date Pr<br>D Sample | ep: 08.2 | 5035A<br>26.2020<br>837-001 SD |      |
|---|--|-----------------|--------------|---------------------|---------------|-------------|--------|------|----------------------------------|----------|--------------------------------|------|
| Parameter   | Parent<br>Result                                 | Spike<br>Amount | MS<br>Result | MS<br>%Rec          | MSD<br>Result | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit                     | Units    | Analysis<br>Date               | Flag |
| Benzene   | < 0.00200  | 0.0998          | 0.0698       | 70                  | 0.0741        | 74          | 70-130 | 6    | 35                               | mg/kg    | 08.26.2020 09:55               |      |
| Toluene   | < 0.00200  | 0.0998          | 0.0652       | 65                  | 0.0670        | 67          | 70-130 | 3    | 35                               | mg/kg    | 08.26.2020 09:55               | Х    |
| Ethylbenzene  | < 0.00200  | 0.0998          | 0.0628       | 63                  | 0.0608        | 61          | 70-130 | 3    | 35                               | mg/kg    | 08.26.2020 09:55               | Х    |
| m,p-Xylenes   | < 0.00399  | 0.200           | 0.127        | 64                  | 0.120         | 60          | 70-130 | 6    | 35                               | mg/kg    | 08.26.2020 09:55               | Х    |
| o-Xylene  | < 0.00200  | 0.0998          | 0.0633       | 63                  | 0.0607        | 61          | 70-130 | 4    | 35                               | mg/kg    | 08.26.2020 09:55               | Х    |
| Surrogate   |  |                 |              | IS<br>Rec           | MS<br>Flag    | MSE<br>%Re  |        |      | imits                            | Units    | Analysis<br>Date               |      |

| ~ | Juirogute            | %Rec | Flag | %Rec | Flag |        |   |  |
|---|----------------------|------|------|------|------|--------|---|--|
| 1 | ,4-Difluorobenzene   | 98   |      | 98   |      | 70-130 | % |  |
| 4 | l-Bromofluorobenzene | 98   |      | 112  |      | 70-130 | % |  |

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

.

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

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

.

08.26.2020 09:55

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Final 1.000

|   |  |   |  | Atlanta, GA (770) 449-8800   | 770) 449-8800   |   |   |
|---|--|---|--|--|---|---|---|
|   |  |   |  |  |   | www.xenco.com   | <u>1</u> Page <u>\</u> of                       |
| Project Manager:  | Joel Lowry   |   | Bill to: (if different)  |  |   | Work Order Comments   | Comments  |
| Company Name: E   | Etech Environmental & S  | . Safety  | Company Name:  | Conziley   |   | Program: UST/PST PRP Brownfields RRC Superfund                                  | nfields RRC Superfund                           |
|   | 3100 Plains Highway  |   | Address:   |  |   | State of Project:   |   |
| City, State ZIP:  | Lovington, NM, 88260   |   | City, State ZIP:   |  |   | Reporting:Level I Level I PST/UST TRR Level I                                   |   |
| Phone:  | 575-396-2378   | Email:  | Email Results to   | Email: Email Results to PM@etechenv.com + Client                                 | om + Client   | Deliverables: EDD ADaP  | ADaPT COther:                                   |
| Project Name: (   | Vole Stute # 10  | Tu  | Turn Around  |  | ANALYSIS REQUEST  | JEST  | Preservative Codes                              |
| Project Number:   |  | Routine   | ē.   |  |   |   | HNO3: HN  |
| Project Location  | ULAND  | ຸ <sub>ປ</sub> ທິງ Rush:  |  |  |   |   | H2S04: H2                                       |
| Sampler's Name:   | ver Pari   | کے 🖉 Due Date:  |  | ······   |   |   | HCL: HL   |
|   |  |   |  |  |   |   | None: NO  |
| SAMPLE RECEIPT  | PT Temp Blank:   | Yez No Wet Ice:   | (res) No Pr  |  |   |   | NaOH: Na  |
| Temperature (°C):   | CULI   | Thermometer ID  |  |  |   |   | MeOH: Me  |
| Received Intact:  | (Yes) No   | We  |  | <br>   |   |   | Zn Acetate+ NaOH: Zn                            |
| Cooler Custody Seals:   | °  | Correction Factor:  | S Vip  | \$   |   |   | TAT starts the day received by the              |
| Sample Custody Seals:   | Yes No WAYA  | Total Containers:   | er of  | 021  |   |   | lab, if received by 4:30pm                      |
| Sample Identification   | ification Matrix   | Date Time<br>Sampled Sampled  | Depth<br>Numb<br>Code  | Chlorid<br>BTEX 8  | трн тх  | ••••••  | Sample Comments                                 |
| NMMI  | 501  | 8.24-20   | (  | XXX  |   |   |   |
| NEWI  | Soil   | 8.24.20   | 1  |  |   |   |   |
| SWW 1   | 501  | 8.24.00   | (  | XXX  |   |   |   |
| FL IDY'   | 5.1  | 1-24.20   | 4 1  | XXX  |   |   |   |
| FLIQ4   | 1.03   | 8-24.20   | 4  |  |   |   |   |
| FLIG 4'   | 50.1   | 3.24-20   | , h  | スズメ  |   |   |   |
|   |  |   |  |  |   |   |   |
|   |  |   |  |  |   |   |   |
|   |  |   |  |  |   |   |   |
| Total 200.7 / 6010<br>Circle Method(s) a  | otal 200.7 / 6010 200.8 / 6020:<br>Circle Method(s) and Metal(s) to be analyzed                                | ф   | Texas 11<br>010: 8RCF  |  | Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb<br>Sb As Ba Be Cd Cr Co Cu Pb Mn Mo 1  | Mg Mn Mo Ni K Se Ag SiO<br>Ni Se Ag TI U  | 2 Na Sr TI Sn U V Zn<br>1631/245.1/7470/7471:Hg |
| Notice: Signature of this doc<br>of service. Xenco will be llat<br>of Xenco. A minimum charge | ument and relinquishment of sam<br>ble only for the cost of samples an<br>e of \$75.00 will be applied to each | ples constitutes a valid purchase<br>Id shall not assume any responsi<br>project and a charge of \$5 for ea | order from client comp<br>bility for any losses or e<br>ich sample submitted t | any to Xenco, its affilial<br>xpenses incurred by th<br>> Xenco, but not analyze | Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions<br>of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control<br>of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. | ard terms and conditions<br>tances beyond the control<br>previously negotiated. |   |
| Relinquished by: (Signature)  | (Signature)  | Received by: (Signature)  | e)   | Date/Time  | Relinquished by: (Signature)  | iture) AReceived by: (Signature)  | ure) Date/Time                                  |
| Armin   | m teres  | creat werdak  | X  | 024/20   | 2 Eresphried  | MMM MMM   | DISPID  |
| 5   |  |   |  |  | 6   |   |   |
|   |  |   |  |  |   | -   |   |

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Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701

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
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900

Chain of Custody

Work Order No: UNOSS



# **Eurofins Xenco, LLC**

# Prelogin/Nonconformance Report- Sample Log-In

| Client: Etech Environmental & Safety Solution, I        | Acceptable Temperature Range: 0 - 6 degC        |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|
| Date/ Time Received: 08.25.2020 11.15.00 AM             | Air and Metal samples Acceptable Range: Ambient |  |  |  |  |  |  |  |
| Work Order #: 670837                                    | Temperature Measuring device used : IR-8        |  |  |  |  |  |  |  |
| Sample Recei  | pt Checklist Comments                           |  |  |  |  |  |  |  |
| #1 *Temperature of cooler(s)?                           | .3  |  |  |  |  |  |  |  |
| #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 BTEX was in buk container                   |  |  |  |  |  |  |  |
| #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: But Tal Brianna Teel

Date: 08.26.2020

Checklist reviewed by: Jession Venner

Jessica Kramer

Date: 08.26.2020

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Environment Testing Xenco

# Certificate of Analysis Summary 671116

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole State #10

Project Id:11465Contact:PM

Project Location: Lea County, NM

 Date Received in Lab:
 Thu 08.27.2020 11:40

 Report Date:
 08.31.2020 17:14

 Project Manager:
 Jessica Kramer

|                                    | Lab Id:    | 671116-0         | 001              | 671116-0         | 002     | 671116-0         | 003     | 671116-0         | 004     | 671116-0         | 005     | 671116-0         | 006     |
|------------------------------------|------------|------------------|------------------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|
| Analysis Requested                 | Field Id:  | FL4 @            | 4'               | FL5@4            | 4'      | FL6 @4           | ,       | SWW #            | 2       | NEW #2           | 2       | FL7 @ 4          | !       |
| Analysis Requested                 | Depth:     | 4- ft            |                  | 4- ft            |         | 4- ft            |         |                  |         |                  |         | 4- ft            |         |
|                                    | Matrix:    | SOIL             | ,                | SOIL             |         |
|                                    | Sampled:   | 08.25.2020       | 00:00            | 08.25.2020       | 00:00   | 08.25.2020       | 00:00   | 08.25.2020       | 00:00   | 08.25.2020       | 00:00   | 08.25.2020       | 00:00   |
| BTEX by EPA 8021B                  | Extracted: | 08.29.2020       | 14:30            | 08.29.2020       | 14:30   | 08.29.2020       | 14:30   | 08.28.2020       | 16:00   | 08.28.2020       | 16:00   | 08.28.2020       | 16:00   |
|                                    | Analyzed:  | 08.29.2020       | 22:36            | 08.29.2020       | 22:57   | 08.29.2020       | 23:17   | 08.29.2020       | 09:47   | 08.29.2020       | 10:08   | 08.29.2020       | 05:21   |
|                                    | Units/RL:  | mg/kg            | RL               | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      |
| Benzene                            |            | < 0.00200        | 0.00200          | < 0.00198        | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 |
| Toluene                            |            | < 0.00200        | 0.00200          | < 0.00198        | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | <0.00199         | 0.00199 | < 0.00200        | 0.00200 |
| Ethylbenzene                       |            | < 0.00200        | 0.00200          | < 0.00198        | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | <0.00199         | 0.00199 | < 0.00200        | 0.00200 |
| m,p-Xylenes                        |            | < 0.00399        | 0.00399          | < 0.00397        | 0.00397 | < 0.00398        | 0.00398 | < 0.00401        | 0.00401 | <0.00398         | 0.00398 | < 0.00399        | 0.00399 |
| o-Xylene                           |            | <0.00200 0.00200 |                  | < 0.00198        | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | <0.00199         | 0.00199 | < 0.00200        | 0.00200 |
| Total Xylenes                      |            | < 0.00200        | <0.00200 0.00200 |                  | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | <0.00199         | 0.00199 | < 0.00200        | 0.00200 |
| Total BTEX                         |            | < 0.00200        | 0.00200          | < 0.00198        | 0.00198 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 |
| Chloride by EPA 300                | Extracted: | 08.27.2020       | 17:35            | 08.27.2020 17:35 |         | 08.27.2020       | 17:35   | 08.27.2020 17:35 |         | 08.27.2020 17:35 |         | 08.27.2020 17:35 |         |
|                                    | Analyzed:  | 08.28.2020       | 00:19            | 08.28.2020 00:24 |         | 08.28.2020 00:29 |         | 08.28.2020       | 00:35   | 08.28.2020       | 00:40   | 08.28.2020       | 00:45   |
|                                    | Units/RL:  | mg/kg            | RL               | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg            | RL      |
| Chloride                           |            | 93.6             | 25.1             | 1090             | 24.9    | 1420             | 24.9    | 9.19             | 5.04    | 72.5             | 25.0    | 864              | 25.1    |
| TPH By SW8015 Mod                  | Extracted: | 08.28.2020       | 16:00            | 08.28.2020       | 16:00   | 08.28.2020 16:00 |         | 08.28.2020 16:00 |         | 08.28.2020 16:00 |         | 08.28.2020 16:00 |         |
|                                    | Analyzed:  | 08.29.2020       | 04:36            | 08.29.2020       | 04:56   | 08.29.2020       | 05:16   | 08.29.2020       | 05:36   | 08.29.2020       | 05:55   | 08.29.2020       | 06:15   |
|                                    | Units/RL:  | 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    | <49.9            | 49.9    |
| Diesel Range Organics (DRO)        |            | 1040             | 49.9             | 621              | 49.8    | 483              | 50.0    | <50.0            | 50.0    | <49.9            | 49.9    | 156              | 49.9    |
| Motor Oil Range Hydrocarbons (MRO) |            | 104              | 49.9             | 59.0             | 49.8    | <50.0            | 50.0    | <50.0            | 50.0    | <49.9            | 49.9    | <49.9            | 49.9    |
| Total TPH                          |            | 1140             | 49.9             | 680              | 49.8    | 483              | 50.0    | <50.0            | 50.0    | <49.9            | 49.9    | 156              | 49.9    |

BRL - Below Reporting Limit

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Project Id:

**Environment Testing** Xenco

11465

# Certificate of Analysis Summary 671116

Etech Environmental & Safety Solution, Inc, Midland, TX

**Project Name: Cole State #10** 

|            |  |  |   |  |   |   |   | Repo  | rt Date: 08.  | 31.2020 1  | 17:14  |   |  |
|------------|--|--|---|--|---|---|---|---|---|--|--|---|--|
|            |  |  |   |  |   |   | P   | roject M  | anager: Jes   | sica Kran  | ner  |   |  |
| Lab Id:    | 671116-0   | 07   | 671116-0  | 08   | 671116-0  | )09   | 671116-0  | 010   | 671116-0  | )11  | 671116-0   | )12   |  |
| Field Id:  | FL8 @ 4  | 4'   | FL9 @ 4   | 4'   | FL10@4  | 4'  | FL11@4  | 4'  | FL12 @  | 4'   | FL13 @4  | 4'  |  |
| Depth:     | 4- ft  |  | 4- ft   |  | 4- ft   |   | 4- ft   |   | 4- ft   |  | 4- ft  |   |  |
| Matrix:    | SOIL   |  | SOIL  |  | SOIL  |   | SOIL  | ,   | SOIL  |  | SOIL   |   |  |
| Sampled:   | 08.25.2020   | 00:00  | 08.25.2020  | 00:00  | 08.25.2020  | 00:00   | 08.26.2020  | 00:00   | 08.26.2020  | 00:00  | 08.26.2020   | 00:00   |  |
| Extracted: | 08.28.2020   | 16:00  | 08.28.2020  | 16:00  | 08.29.2020  | 15:00   | 08.29.2020  | 15:00   | 08.29.2020  | 15:00  | 08.28.2020   | 16:00   |  |
| Analyzed:  | 08.29.2020   | 10:28  | 08.29.2020  | 10:49  | 08.30.2020  | 04:46   | 08.30.2020  | 05:07   | 08.30.2020  | 05:27  | 08.29.2020   | 11:10   |  |
| Units/RL:  | mg/kg  | RL   | mg/kg   | RL   | mg/kg   | RL  | mg/kg   | RL  | mg/kg   | RL   | mg/kg  | RL  |  |
|            | < 0.00199  | 0.00199  | < 0.00198   | 0.00198  | < 0.00200   | 0.00200   | < 0.00199   | 0.00199   | < 0.00200   | 0.00200  | < 0.00198  | 0.00198   |  |
|            | < 0.00199  | 0.00199  | < 0.00198   | 0.00198  | < 0.00200   | 0.00200   | <0.00199  | 0.00199   | < 0.00200   | 0.00200  | < 0.00198  | 0.00198   |  |
|            | < 0.00199  | 0.00199  | < 0.00198   | 0.00198  | < 0.00200   | 0.00200   | <0.00199  | 0.00199   | < 0.00200   | 0.00200  | < 0.00198  | 0.00198   |  |
|            | < 0.00398  | 0.00398  | < 0.00397   | 0.00397  | < 0.00399   | 0.00399   | < 0.00398   | 0.00398   | < 0.00401   | 0.00401  | < 0.00396  | 0.00396   |  |
|            | < 0.00199  | 0.00199  | < 0.00198   | 0.00198  | < 0.00200   | 0.00200   |   |   |   |  | < 0.00198  | 0.00198   |  |
|            | < 0.00199  | 0.00199  |   |  | < 0.00200   |   | < 0.00199   | 0.00199   | < 0.00200   | 0.00200  | < 0.00198  | 0.00198   |  |
|            | < 0.00199  | 0.00199  | < 0.00198   | 0.00198  | < 0.00200   | 0.00200   | < 0.00199   | 0.00199   | < 0.00200   | 0.00200  | < 0.00198  | 0.00198   |  |
| Extracted: | 08.27.2020   | 17:35  | 08.27.2020  | 17:50  | 08.27.2020  | 17:50   | 08.27.2020  | 17:50   | 08.27.2020  | 17:50  | 08.27.2020   | 17:50   |  |
| Analyzed:  | 08.28.2020   | 00:50  | 08.28.2020  | 01:22  | 08.28.2020  | 01:38   | 08.28.2020  | 01:43   | 08.28.2020  | 01:48  | 08.28.2020   | 01:54   |  |
| Units/RL:  | mg/kg  | RL   | mg/kg   | RL   | mg/kg   | RL  | mg/kg   | RL  | mg/kg   | RL   | mg/kg  | RL  |  |
|            | 1990   | 25.1   | 628   | 5.04   | 1690  | 24.9  | 1630  | 25.0  | 1720  | 50.1   | 1370   | 25.2  |  |
| Extracted: | 08.28.2020   | 16:00  | 08.28.2020  | 16:00  | 08.28.2020  | 16:00   | 08.28.2020  | 16:00   | 08.28.2020  | 16:00  | 08.28.2020   | 16:00   |  |
| Analyzed:  | 08.29.2020   | 06:35  | 08.29.2020  | 07:14  | 08.29.2020  | 07:34   | 08.29.2020  | 07:54   | 08.29.2020  | 08:14  | 08.29.2020   | 08:34   |  |
| Units/RL:  | mg/kg  | RL   | mg/kg   | RL   | mg/kg   | RL  | mg/kg   | RL  | mg/kg   | RL   | mg/kg  | RL  |  |
|            | <50.0  | 50.0   | <49.8   | 49.8   | <50.0   | 50.0  | <49.9   | 49.9  | <50.0   | 50.0   | <49.9  | 49.9  |  |
|            | 137  | 50.0   | 71.9  | 49.8   | 958   | 50.0  | 1250  | 49.9  | 1980  | 50.0   | 141  | 49.9  |  |
|            | <50.0  | 50.0   | <49.8   | 49.8   | 89.1  | 50.0  | 94.1  | 49.9  | 119   | 50.0   | <49.9  | 49.9  |  |
|            | 137  | 50.0   | 71.9  | 49.8   | 1050  | 50.0  | 1340  | 49.9  | 2100  | 50.0   | 141  | 49.9  |  |
|            | Field Id:<br>Depth:<br>Matrix:<br>Sampled:<br>Extracted:<br>Analyzed:<br>Units/RL:<br>Extracted:<br>Analyzed:<br>Units/RL: | Field Id:       FL8 @         Depth:       4- ft         Matrix:       SOIL         Sampled:       08.25.2020         Extracted:       08.25.2020         Analyzed:       08.29.2020         Units/RL:       mg/kg          <0.00199 | Field Id:       FL8 @ 4'         Depth:       4- ft         Matrix:       SOIL         Sampled:       08.25.2020 00:00         Extracted:       08.25.2020 16:00         Analyzed:       08.29.2020 10:28         Units/RL:       mg/kg       RL         <0.00199 | Field Id:         FL8 @ 4'         FL9 @ 4           Depth:         4- ft         4- ft           Matrix:         SOIL         SOIL           Sampled:         08.25.2020 00:00         08.25.2020 0           Extracted:         08.28.2020 16:00         08.28.2020 0           Analyzed:         08.29.2020 10:28         08.29.2020 0           Units/RL:         mg/kg         RL         mg/kg            <0.00199 | Field Id:         FL8 @ 4'         FL9 @ 4'           Depth:         4- ft         4- ft         4- ft           Matrix:         SOIL         SOIL         SOIL           Sampled:         08.25.2020 00:00         08.25.2020 16:00         08.25.2020 16:00           Analyzed:         08.29.2020 10:28         08.29.2020 10:49         08.29.2020 10:49           Units/RL:         mg/kg         RL         mg/kg         RL           <0.00199 | Field Id:         FL8 @ 4'         FL9 @ 4'         FL10 @ 4'           Depth:         4- ft         4- ft         4- ft         4- ft           Matrix:         SOIL         SOIL         SOIL         SOIL           Sampled:         08.25.2020 00:00         08.25.2020 00:00         08.25.2020         08.29.2020           Analyzed:         08.29.2020 16:00         08.29.2020 10:49         08.30.2020           Units/RL:         mg/kg         RL         mg/kg         RL         mg/kg           <0.00199 | Field Id:         FL8 @ 4'         FL9 @ 4'         FL10 @ 4'           Depth:         4 - ft         4 - ft         4 - ft         4 - ft           Matrix:         SOIL         SOIL         SOIL         SOIL           Sampled:         08.25.2020         0:00         08.25.2020         0:00         08.25.2020           Analyzed:         08.28.2020         10:28         08.29.2020         10:49         08.30.2020         04:46           Units/RL:         mg/kg         RL         mg/kg         RL         mg/kg         RL           <0.00199 | Lab Id:         671116-007         671116-008         671116-009         671116-014           Field Id:         FL8 @ 4'         FL9 @ 4'         FL10 @ 4'         FL11 @ 4           Depth:         4 - ft         501L         S01L         S01L <td>brief with the set of the set</td> <td>Lab Id:       671116-0∪×</td> <td>brack       brack       <th c<="" td=""><td>Field Id:         FL.9 @ 4'         FL.9 @ 4'         FL.10 @ 4'         FL.11 @ 4'         FL.12 @ 4'         G.12 @ 4'</td></th></td> | brief with the set of the set | Lab Id:       671116-0∪× | brack       Brack <th c<="" td=""><td>Field Id:         FL.9 @ 4'         FL.9 @ 4'         FL.10 @ 4'         FL.11 @ 4'         FL.12 @ 4'         G.12 @ 4'</td></th> | <td>Field Id:         FL.9 @ 4'         FL.9 @ 4'         FL.10 @ 4'         FL.11 @ 4'         FL.12 @ 4'         G.12 @ 4'</td> | Field Id:         FL.9 @ 4'         FL.9 @ 4'         FL.10 @ 4'         FL.11 @ 4'         FL.12 @ 4'         G.12 @ 4' |

BRL - Below Reporting Limit

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Jession Vramer

**Date Received in Lab:** Thu 08.27.2020 11:40

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Environment Testing Xenco

# Certificate of Analysis Summary 671116

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole State #10

Project Id:11465Contact:PM

Project Location: Lea County, NM

 Date Received in Lab:
 Thu 08.27.2020 11:40

 Report Date:
 08.31.2020 17:14

 Project Manager:
 Jessica Kramer

|                                    | Lab Id:    | 671116-0         | 013     | 671116-0   | 014     | 671116-0         | 015     | 671116-    | 016     | 671116-0         | 17      |  |
|------------------------------------|------------|------------------|---------|------------|---------|------------------|---------|------------|---------|------------------|---------|--|
| Analysis Requested                 | Field Id:  | FL14 @           | 4'      | FL15 @     | 4'      | SWW3             |         | NEW3       |         | SEW1             |         |  |
| Analysis Requested                 | Depth:     | 4- ft            |         | 4- ft      |         |                  |         |            |         |                  |         |  |
|                                    | Matrix:    | SOIL             |         | SOIL       |         | SOIL             |         | SOIL       |         | SOIL             |         |  |
|                                    | Sampled:   | 08.26.2020       | 00:00   | 08.26.2020 | 00:00   | 08.26.2020       | 00:00   | 08.26.2020 | 00:00   | 08.26.2020       | 00:00   |  |
| BTEX by EPA 8021B                  | Extracted: | 08.29.2020       | 15:00   | 08.29.2020 | 15:00   | 08.29.2020       | 14:30   | 08.29.2020 | 14:30   | 08.29.2020       | 14:30   |  |
|                                    | Analyzed:  | 08.30.2020       | 05:48   | 08.30.2020 | 06:09   | 08.29.2020       | 17:59   | 08.29.2020 | 18:20   | 08.29.2020       | 18:41   |  |
|                                    | Units/RL:  | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      |  |
| Benzene                            |            | < 0.00198        | 0.00198 | < 0.00199  | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| Toluene                            |            | < 0.00198        | 0.00198 | 0.00469    | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| Ethylbenzene                       |            | < 0.00198        | 0.00198 | 0.0433     | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| m,p-Xylenes                        |            | < 0.00397        | 0.00397 | 0.0700     | 0.00398 | < 0.00402        | 0.00402 | < 0.00398  | 0.00398 | < 0.00398        | 0.00398 |  |
| o-Xylene                           |            | < 0.00198        | 0.00198 | 0.0435     | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| Total Xylenes                      |            | <0.00198 0.00198 |         | 0.114      | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| Total BTEX                         |            | < 0.00198        | 0.00198 | 0.161      | 0.00199 | < 0.00201        | 0.00201 | < 0.00199  | 0.00199 | < 0.00199        | 0.00199 |  |
| Chloride by EPA 300                | Extracted: | 08.27.2020       | 17:50   | 08.27.2020 | 17:50   | 08.27.2020       | 17:50   | 08.27.2020 | 17:50   | 08.27.2020 17:50 |         |  |
|                                    | Analyzed:  | 08.28.2020       | 02:09   | 08.28.2020 | 02:15   | 08.28.2020       | 08:35   | 08.28.2020 | 02:25   | 08.28.2020       | 02:30   |  |
|                                    | Units/RL:  | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      |  |
| Chloride                           |            | 1310             | 24.9    | 1190       | 24.8    | 11.3             | 4.98    | 262        | 25.2    | 9.78             | 5.02    |  |
| TPH By SW8015 Mod                  | Extracted: | 08.28.2020       | 16:00   | 08.28.2020 | 16:00   | 08.28.2020 16:00 |         | 08.28.2020 | 16:00   | 08.28.2020 16:00 |         |  |
|                                    | Analyzed:  | 08.29.2020       | 08:53   | 08.29.2020 | 09:13   | 08.29.2020       | 09:33   | 08.29.2020 | 09:52   | 08.29.2020       | 10:12   |  |
|                                    | Units/RL:  | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      | mg/kg      | RL      | mg/kg            | RL      |  |
| Gasoline Range Hydrocarbons (GRO)  |            | <49.9            | 49.9    | 69.5       | 50.0    | <50.0            | 50.0    | <49.9      | 49.9    | <49.9            | 49.9    |  |
| Diesel Range Organics (DRO)        |            | 300              | 49.9    | 1060       | 50.0    | <50.0            | 50.0    | <49.9      | 49.9    | <49.9            | 49.9    |  |
| Motor Oil Range Hydrocarbons (MRO) |            | <49.9            | 49.9    | 78.2       | 50.0    | <50.0            | 50.0    | <49.9      | 49.9    | <49.9            | 49.9    |  |
| Total TPH                          |            | 300              | 49.9    | 1210       | 50.0    | <50.0            | 50.0    | <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

Received by OCD: 9/29/2020 9:06:02 AM

eurofins Environment Testing Xenco

# **Analytical Report 671116**

#### for

# **Etech Environmental & Safety Solution, Inc**

**Project Manager: PM** 

Cole State #10

#### 11465

#### 08.31.2020

Collected By: Client



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

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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 (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483) Received by OCD: 9/29/2020 9:06:02 AM

eurofins Environment Testing

08.31.2020

Project Manager: **PM Etech Environmental & Safety Solution, Inc** P.O. Box 62228 Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **671116 Cole State #10** Project Address: Lea County, NM

**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) 671116. 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. 671116 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,

Jessica Vramer

Jessica Kramer Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 671116

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

Cole State #10

| Sample Id | Matrix | Date Collected   | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| FL4 @4'   | S      | 08.25.2020 00:00 | 4 ft         | 671116-001    |
| FL5@4'    | S      | 08.25.2020 00:00 | 4 ft         | 671116-002    |
| FL6 @4'   | S      | 08.25.2020 00:00 | 4 ft         | 671116-003    |
| SWW #2    | S      | 08.25.2020 00:00 | ft           | 671116-004    |
| NEW #2    | S      | 08.25.2020 00:00 | ft           | 671116-005    |
| FL7 @ 4'  | S      | 08.25.2020 00:00 | 4 ft         | 671116-006    |
| FL8 @ 4'  | S      | 08.25.2020 00:00 | 4 ft         | 671116-007    |
| FL9 @ 4'  | S      | 08.25.2020 00:00 | 4 ft         | 671116-008    |
| FL10 @ 4' | S      | 08.25.2020 00:00 | 4 ft         | 671116-009    |
| FL11 @ 4' | S      | 08.26.2020 00:00 | 4 ft         | 671116-010    |
| FL12 @ 4' | S      | 08.26.2020 00:00 | 4 ft         | 671116-011    |
| FL13 @4'  | S      | 08.26.2020 00:00 | 4 ft         | 671116-012    |
| FL14 @4'  | S      | 08.26.2020 00:00 | 4 ft         | 671116-013    |
| FL15 @4'  | S      | 08.26.2020 00:00 | 4 ft         | 671116-014    |
| SWW3      | S      | 08.26.2020 00:00 | ft           | 671116-015    |
| NEW3      | S      | 08.26.2020 00:00 | ft           | 671116-016    |
| SEW1      | S      | 08.26.2020 00:00 | ft           | 671116-017    |

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#### **CASE NARRATIVE**

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Cole State #10

Project ID: 11465 Work Order Number(s): 671116 Report Date: 08.31.2020 Date Received: 08.27.2020

#### Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3135897 BTEX by EPA 8021B

Lab Sample ID 671116-006 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 and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 671116-004, -005, -006, -007, -008, -012.

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

Batch: LBA-3135908 BTEX by EPA 8021B

Lab Sample ID 671116-009 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 671116-009, -010, -011, -013, -014.

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

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

Cole State #10

| Sample Id: <b>FL4 @4'</b><br>Lab Sample Id: 671116-001   |   | Matrix:<br>Date Colle                  | Soil<br>ected: 08.25                              | .2020 00:00          |                                  | Date Received:08.2'<br>Sample Depth: 4 ft  | 7.2020 11:          | 40              |
|--|---|--|---|----------------------|----------------------------------|--|---------------------|-----------------|
| Analytical Method: Chloride by EF  | PA 300  |  |   |                      |                                  | Prep Method: E300  | )P                  |                 |
| Tech: SPC  |   |  |   |                      |                                  | % Moisture:  |                     |                 |
| Analyst: SPC   |   | Date Prep                              | : 08.27   | .2020 17:35          |                                  | Basis: Wet   | Weight              |                 |
| Seq Number: 3135777  |   |  |   |                      |                                  |  |                     |                 |
| Parameter  | Cas Number  | Result                                 | RL  |                      | Units                            | Analysis Date  | Flag                | Dil             |
| Chloride   | 16887-00-6  | 93.6                                   | 25.1  |                      | mg/kg                            | 08.28.2020 00:19   |                     | 5               |
| Analytical Method: TPH By SW80   | )15 Mod   |  |   |                      |                                  | Prep Method: SW8   | 8015P               |                 |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | )15 Mod   | Date Prep                              | : 08.28   | .2020 16:00          |                                  | % Moisture:  | 8015P<br>Weight     |                 |
| Tech: DVM<br>Analyst: ARM  | )15 Mod<br>Cas Number   | Date Prep<br>Result                    | : 08.28<br>RL                                     | .2020 16:00          | Units                            | % Moisture:  |                     | Dil             |
| Tech:DVMAnalyst:ARMSeq Number:3135950  |   |  | -   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b><br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number  | Result                                 | RL  | .2020 16:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |                 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610  | Result<br><49.9                        | <b>RL</b><br>49.9                                 | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:36   | Weight<br>Flag      | 1               |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                             | Result<br><49.9<br>1040                | <b>RL</b><br>49.9<br>49.9                         | .2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:36<br>08.29.2020 04:36   | Weight<br>Flag      | 1<br>1          |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635       | Result<br><49.9<br>1040<br>104<br>1140 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:36<br>08.29.2020 04:36<br>08.29.2020 04:36<br>08.29.2020 04:36 | Weight<br>Flag      | 1<br>1<br>1     |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635<br>Ca | Result<br><49.9<br>1040<br>104<br>1140 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:36<br>08.29.2020 04:36<br>08.29.2020 04:36<br>08.29.2020 04:36 | Weight<br>Flag<br>U | 1<br>1<br>1     |

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

Cole State #10

| Sample Id:<br>Lab Sample I | <b>FL4 @4'</b><br>d: 671116-001 |            | Matrix:<br>Date Collecte | Soil<br>1: 08.25.2020 00:00 |       | Date Received:08.27.2020<br>Sample Depth: 4 ft |       | 2020 11: | 40  |
|----------------------------|---------------------------------|------------|--------------------------|-----------------------------|-------|--|-------|----------|-----|
| 5                          | ethod: BTEX by EPA 80           | 21B        |                          |                             |       | Prep Method:                                   | SW50  | 35A      |     |
| Tech:                      | AMF                             |            |                          |                             |       | % Moisture:                                    |       |          |     |
| Analyst:                   | AMF                             |            | Date Prep:               | 08.29.2020 14:30            |       | Basis:   | Wet V | Veight   |     |
| Seq Number:                | 3135907                         |            |                          |                             |       |  |       |          |     |
| Parameter                  |                                 | Cas Number | Result RI                |                             | Units | Analysis Da                                    | ate   | Flag     | Dil |

| Parameter            | Cas Number  | r Kesult   | KL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00399  | 0.00399    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 22:36 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 102        | %     | 70-130 | 08.29.2020 22:36 |      |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 103        | %     | 70-130 | 08.29.2020 22:36 |      |     |

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

Cole State #10

| Sample Id:         FL5@4'           Lab Sample Id:         671116-002  |   | Matrix:<br>Date Coll                  | Soil<br>lected: 08.25              | .2020 00:00          |                                  | Date Received:08.2 <sup>4</sup><br>Sample Depth: 4 ft  | 7.2020 11:          | 40          |
|--|---|---------------------------------------|------------------------------------|----------------------|----------------------------------|--|---------------------|-------------|
| Analytical Method: Chloride by EP  | PA 300  |                                       |                                    |                      |                                  | Prep Method: E300  | )P                  |             |
| Tech: SPC  |   |                                       |                                    |                      |                                  | % Moisture:  |                     |             |
| Analyst: SPC   |   | Date Prep                             | o: 08.27                           | .2020 17:35          |                                  | Basis: Wet   | Weight              |             |
| Seq Number: 3135777  |   | 1                                     | L                                  |                      |                                  |  |                     |             |
| Parameter  | Cas Number  | Result                                | RL                                 |                      | Units                            | Analysis Date  | Flag                | Dil         |
| Chloride   | 16887-00-6  | 1090                                  | 24.9                               |                      | mg/kg                            | 08.28.2020 00:24   |                     | 5           |
| Analytical Method: TPH By SW80   | 15 Mod  |                                       |                                    |                      |                                  | Prep Method: SW8   | 015P                |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 15 Mod  | Date Prep                             | p: 08.28                           | .2020 16:00          |                                  | % Moisture:  | 015P<br>Weight      |             |
| Tech:DVMAnalyst:ARMSeq Number:3135950  | 15 Mod<br>Cas Number                                    | Date Prep<br>Result                   | p: 08.28<br><b>RL</b>              | .2020 16:00          | Units                            | % Moisture:  |                     | Dil         |
| Tech: DVM<br>Analyst: ARM  |   |                                       |                                    | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number  | Result                                | RL                                 | .2020 16:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610                                    | Result<br><49.8                       | RL<br>49.8                         | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:56   | Weight<br>Flag      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | Result<br><49.8<br>621                | <b>RL</b><br>49.8<br>49.8          | .2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:56<br>08.29.2020 04:56   | Weight<br>Flag      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br>621<br>59.0<br>680 | <b>RL</b><br>49.8<br>49.8<br>49.8  | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:56<br>08.29.2020 04:56<br>08.29.2020 04:56<br>08.29.2020 04:56                     | Weight<br>Flag      | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br>621<br>59.0<br>680 | <b>RL</b> 49.8 49.8 49.8 49.8 49.8 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 04:56<br>08.29.2020 04:56<br>08.29.2020 04:56<br>08.29.2020 04:56<br>08.29.2020 04:56 | Weight<br>Flag<br>U | 1<br>1<br>1 |

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## **Certificate of Analytical Results 671116**

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

Cole State #10

| I I              | FL5@4'              |            | Matrix:        | Soil                |       | Date Received      |          | 20 11:40 | 0   |
|------------------|---------------------|------------|----------------|---------------------|-------|--------------------|----------|----------|-----|
| Lab Sample Id: 6 | 571116-002          |            | Date Collected | 1: 08.25.2020 00:00 |       | Sample Depth: 4 ft |          |          |     |
| Analytical Metho | od: BTEX by EPA 802 | IB         |                |                     |       | Prep Method:       | SW50354  | 4        |     |
| Tech: A          | MF                  |            |                |                     |       | % Moisture:        |          |          |     |
| Analyst: A       | MF                  |            | Date Prep:     | 08.29.2020 14:30    |       | Basis:             | Wet Weig | ght      |     |
| Seq Number: 3    | 135907              |            |                |                     |       |                    |          |          |     |
| Parameter        |                     | Cas Number | Result RL      |                     | Units | Analysis Da        | ite Fla  | ıø       | Dil |

| Parameter            | Cas Number  | Result     | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00397  | 0.00397    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| Total BTEX           |             | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 22:57 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 123        | %     | 70-130 | 08.29.2020 22:57 |      |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 103        | %     | 70-130 | 08.29.2020 22:57 |      |     |

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

Cole State #10

| Sample Id: <b>FL6 @4'</b><br>Lab Sample Id: 671116-003   |   | Matrix:<br>Date Col     | Soil<br>llected: 08.25                     | .2020 00:00          |                                  | Date Received:08.2'<br>Sample Depth: 4 ft  | 7.2020 11:               | :40         |
|--|---|-------------------------|--|----------------------|----------------------------------|--|--------------------------|-------------|
| Analytical Method: Chloride by EF  | PA 300  |                         |  |                      |                                  | Prep Method: E300  | )P                       |             |
| Tech: SPC  |   |                         |  |                      |                                  | % Moisture:  |                          |             |
| Analyst: SPC   |   | Date Pre                | p: 08.27                                   | .2020 17:35          |                                  | Basis: Wet   | Weight                   |             |
| Seq Number: 3135777  |   |                         | I ·  |                      |                                  |  | C                        |             |
| Parameter  | Cas Number  | Result                  | RL   |                      | Units                            | Analysis Date  | Flag                     | Dil         |
| Chloride   | 16887-00-6  | 1420                    | 24.9                                       |                      | mg/kg                            | 08.28.2020 00:29   |                          | 5           |
| Analytical Method: TPH By SW80   | 15 Mod  |                         |  |                      |                                  | Prep Method: SW8   | 8015P                    |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 15 Mod  | Date Pre                | p: 08.28                                   | .2020 16:00          |                                  | % Moisture:  | 8015P<br>Weight          |             |
| Tech: DVM<br>Analyst: ARM  | 015 Mod<br>Cas Number                                   | Date Pre<br>Result      | p: 08.28<br><b>RL</b>                      | .2020 16:00          | Units                            | % Moisture:  |                          | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   |   |                         | r.   | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                   | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number  | Result                  | RL   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag           |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610                                    | Result <50.0            | RL<br>50.0                                 | .2020 16:00          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:16   | Weight<br>Flag           | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 483 | RL<br>50.0<br>50.0                         | .2020 16:00          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:16<br>08.29.2020 05:16   | Weight<br>Flag<br>U      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.0  | RL<br>50.0<br>50.0<br>50.0                 | .2020 16:00<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:16<br>08.29.2020 05:16<br>08.29.2020 05:16<br>08.29.2020 05:16                     | Weight<br>Flag<br>U      | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Fotal TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.0  | RL<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:16<br>08.29.2020 05:16<br>08.29.2020 05:16<br>08.29.2020 05:16<br>08.29.2020 05:16 | Weight<br>Flag<br>U<br>U | 1<br>1<br>1 |

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

Cole State #10

| Sample Id:<br>Lab Sample I | mple Id: <b>FL6 @4'</b><br>9 Sample Id: 671116-003 |            | Matrix:<br>Date Collecte | Soil<br>d: 08.25.2020 00:00 | Date Receiv<br>Sample Dep | ed:08.27.2020 11<br>th: 4 ft | :40 |
|----------------------------|--|------------|--------------------------|-----------------------------|---------------------------|------------------------------|-----|
| Analytical Me              | ethod: BTEX by EPA 80                              | )21B       |                          |                             | Prep Method               | l: SW5035A                   |     |
| Tech:                      | AMF  |            |                          |                             | % Moisture:               |                              |     |
| Analyst:                   | AMF  |            | Date Prep:               | 08.29.2020 14:30            | Basis:                    | Wet Weight                   |     |
| Seq Number:                | 3135907  |            |                          |                             |                           |                              |     |
| Parameter                  |  | Cas Number | Result RI                | . Un                        | ite Analycie              | Data Flag                    | Dil |

| Parameter            | Cas Number  | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| Total BTEX           |             | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 23:17 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 121        | %     | 70-130 | 08.29.2020 23:17 |      |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 105        | %     | 70-130 | 08.29.2020 23:17 |      |     |

o-Terphenyl

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Environment Testin Xenco

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

Cole State #10

| Sample Id:         SWW #2           Lab Sample Id:         671116-004  |   | Matrix:<br>Date Colle      | Soil<br>ected: 08.25.2020         | 00:00                            | Date Received:08.2   | 7.2020 11:                    | :40         |
|--|---|----------------------------|-----------------------------------|----------------------------------|--|-------------------------------|-------------|
| Analytical Method: Chloride by E<br>Tech: SPC  | EPA 300   |                            |                                   |                                  | Prep Method: E300<br>% Moisture:   | OP                            |             |
|  |   |                            | 08 27 2020                        | 17.25                            |  | Weight                        |             |
| Analyst: SPC<br>Seq Number: 3135777  |   | Date Prep                  | : 08.27.2020                      | 17:55                            | Dasis: wet   | Weight                        |             |
| Parameter  | Cas Number  | Result                     | RL                                | Units                            | Analysis Date  | Flag                          | Dil         |
| Chloride   | 16887-00-6  | 9.19                       | 5.04                              | mg/kg                            | 08.28.2020 00:35   |                               | 1           |
| Analytical Method: TPH By SW8  | 015 Mod   |                            |                                   |                                  | Prep Method: SW8   | 3015P                         |             |
| Analytical Method: TPH By SW8<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950  | 015 Mod   | Date Prep                  | : 08.28.2020                      | 16:00                            | % Moisture:  | 3015P<br>Weight               |             |
| Tech: DVM<br>Analyst: ARM  | 015 Mod<br>Cas Number                                   | Date Prep<br><b>Result</b> | : 08.28.2020<br>RL                | 0 16:00<br>Units                 | % Moisture:  |                               | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  |   | -                          |                                   |                                  | % Moisture:<br>Basis: Wet  | Weight                        | Dil         |
| Tech:DVMAnalyst:ARMSeq Number:3135950  | Cas Number  | Result                     | RL                                | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610                                    | Result <50.0               | RL 50.0                           | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:36   | Weight<br>Flag<br>U           | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 <50.0  | <b>RL</b><br>50.0<br>50.0         | <b>Units</b><br>mg/kg<br>mg/kg   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:36<br>08.29.2020 05:36   | Weight<br>Flag<br>U<br>U      | 1           |
| Tech:       DVM         Analyst:       ARM         Seq Number:       3135950         Parameter       State         Gasoline Range Hydrocarbons (GRO)       Diesel Range Organics (DRO)         Motor Oil Range Hydrocarbons (MRO)       Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.0     | <b>RL</b><br>50.0<br>50.0<br>50.0 | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:         Basis:       Wet         Analysis Date         08.29.2020 05:36         08.29.2020 05:36         08.29.2020 05:36         08.29.2020 05:36         08.29.2020 05:36         08.29.2020 05:36 | Weight<br>Flag<br>U<br>U<br>U | 1<br>1<br>1 |

104

%

70-130

08.29.2020 05:36

84-15-1

Environment Testin Xenco

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

Cole State #10

| Sample Id:                         | SWW #2                             |                     | Matrix:              | Soil                     |                | Date Received:08.                           | 27.2020 11          | :40              |
|------------------------------------|------------------------------------|---------------------|----------------------|--------------------------|----------------|---|---------------------|------------------|
| Lab Sample I                       | d: 671116-004                      |                     | Date Col             | lected: 08.25.2020 00:00 |                |   |                     |                  |
| Analytical Me<br>Tech:<br>Analyst: | ethod: BTEX by EPA 8<br>AMF<br>AMF | 021B                | Date Pre             | n: 08.28.2020 16:00      |                | Prep Method: SW<br>% Moisture:<br>Basis: We | /5035A<br>et Weight |                  |
| Seq Number:                        |                                    |                     | Date The             | p. 00.20.2020 10.00      |                | Dusis. W                                    | A Worght            |                  |
| Parameter                          |                                    | Cas Number          | Result               | RL                       | Units          | Analysis Date                               | Flag                | Dil              |
|                                    |                                    |                     |                      |                          |                |   | 8                   | 2.1              |
| Benzene                            |                                    | 71-43-2             | < 0.00200            | 0.00200                  | mg/kg          | 08.29.2020 09:47                            | U                   | 1                |
| Benzene<br>Toluene                 |                                    | 71-43-2<br>108-88-3 | <0.00200<br><0.00200 | 0.00200<br>0.00200       |                | ·   | 0                   | 1                |
|                                    |                                    |                     |                      |                          | mg/kg          | 08.29.2020 09:47                            | U                   | 1<br>1<br>1      |
| Toluene                            |                                    | 108-88-3            | < 0.00200            | 0.00200                  | mg/kg<br>mg/kg | 08.29.2020 09:47<br>08.29.2020 09:47        | U<br>U<br>U         | 1<br>1<br>1<br>1 |

| Euryibenzene         | 100-41-4    | <0.00200   | 0.00200    |       | mg/kg  | 08.29.2020 09:47 | U    |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|
| m,p-Xylenes          | 179601-23-1 | < 0.00401  | 0.00401    |       | mg/kg  | 08.29.2020 09:47 | U    |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 09:47 | U    |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 09:47 | U    |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 09:47 | U    |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |
| 1,4-Difluorobenzene  |             | 540-36-3   | 103        | %     | 70-130 | 08.29.2020 09:47 |      |
| 4-Bromofluorobenzene |             | 460-00-4   | 101        | %     | 70-130 | 08.29.2020 09:47 |      |

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o-Terphenyl

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Environment Testir Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample Id:  | <b>NEW #2</b><br>671116-005                              |   | Matrix:<br>Date Col                               | Soil<br>lected: 08.25.            | .2020 00:00          |                                  | Date Received:08.2   | 7.2020 11                     | :40             |
|---|--|---|---|-----------------------------------|----------------------|----------------------------------|--|-------------------------------|-----------------|
| •   | nod: Chloride by EPA                                     | 300   |   |                                   |                      |                                  | Prep Method: E300  | 0 <b>P</b>                    |                 |
|   | SPC  |   |   |                                   |                      |                                  | % Moisture:  |                               |                 |
| Analyst: S  | SPC  |   | Date Pre  | p: 08.27.                         | .2020 17:35          |                                  | Basis: Wet   | Weight                        |                 |
| Seq Number: 3   | 3135777  |   |   |                                   |                      |                                  |  |                               |                 |
| Parameter   |  | Cas Number  | Result  | RL                                |                      | Units                            | Analysis Date  | Flag                          | Dil             |
| Chloride  |  | 16887-00-6  | 72.5  | 25.0                              |                      | mg/kg                            | 08.28.2020 00:40   |                               | 5               |
| -   | nod: TPH By SW801  | 5 Mod   |   |                                   |                      |                                  | Prep Method: SW8   | 3015P                         |                 |
| Tech: I   | DVM<br>ARM   | 5 Mod   | Date Pre  | o: 08.28.                         | .2020 16:00          |                                  | % Moisture:  | 3015P<br>Weight               |                 |
| Tech: I<br>Analyst: A   | DVM<br>ARM   | 5 Mod<br>Cas Number                                     |   | p: 08.28.<br><b>RL</b>            | .2020 16:00          |                                  | % Moisture:  |                               | Dil             |
| Tech: I<br>Analyst: A<br>Seq Number: 3<br>Parameter   | DVM<br>ARM   |   |   |                                   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight                        | <b>Dil</b><br>1 |
| Tech: I<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hy  | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)               | Cas Number  | Result  | RL                                | .2020 16:00          | Units                            | <ul> <li>Moisture:</li> <li>Basis: Wet</li> <li>Analysis Date</li> </ul>   | Weight<br>Flag                |                 |
| Tech: I<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Organ                        | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>mics (DRO) | Cas Number<br>PHC610                                    | Result  | <b>RL</b><br>49.9                 | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:55   | Weight<br>Flag<br>U           | 1               |
| Tech: I<br>Analyst: A<br>Seq Number: 3<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Organ<br>Motor Oil Range Hyd | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>mics (DRO) | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b><br><49.9<br><49.9                   | <b>RL</b><br>49.9<br>49.9         | .2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:55<br>08.29.2020 05:55   | Weight<br>Flag<br>U<br>U      | 1               |
| Tech: I<br>Analyst: A<br>Seq Number: 3<br>Parameter   | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>mics (DRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 | <b>RL</b><br>49.9<br>49.9<br>49.9 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 05:55<br>08.29.2020 05:55<br>08.29.2020 05:55<br>08.29.2020 05:55 | Weight<br>Flag<br>U<br>U<br>U | 1<br>1<br>1     |

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%

70-130

08.29.2020 05:55

84-15-1

Environment Testir Xenco

# **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id:   | NEW #2             |             | Matrix:   | Soil                      |       | Date Received:08.2 | 27.2020 11 | 1:40 |
|--------------|--------------------|-------------|-----------|---------------------------|-------|--------------------|------------|------|
| Lab Sample I | d: 671116-005      |             | Date Co   | llected: 08.25.2020 00:00 | )     |                    |            |      |
| Analytical M | ethod: BTEX by EPA | 8021B       |           |                           |       | Prep Method: SW    | 5035A      |      |
| Tech:        | AMF                |             |           |                           |       | % Moisture:        |            |      |
| Analyst:     | AMF                |             | Date Pre  | p: 08.28.2020 16:00       | )     | Basis: We          | t Weight   |      |
| Seq Number:  | 3135897            |             |           | -                         |       |                    |            |      |
| Parameter    |                    | Cas Number  | Result    | RL                        | Units | Analysis Date      | Flag       | Dil  |
| Benzene      |                    | 71-43-2     | <0.00199  | 0.00199                   | mg/kg | 08.29.2020 10:08   | U          | 1    |
| Toluene      |                    | 108-88-3    | < 0.00199 | 0.00199                   | mg/kg | 08.29.2020 10:08   | U          | 1    |
| Ethylbenzene |                    | 100-41-4    | < 0.00199 | 0.00199                   | mg/kg | 08.29.2020 10:08   | U          | 1    |
| m,p-Xylenes  |                    | 179601-23-1 | < 0.00398 | 0.00398                   | mg/kg | 08.29.2020 10:08   | U          | 1    |
| mp mjrenes   |                    | 179001 25 1 | (0.000)0  | 01000000                  |       |                    | e          | -    |

| Total Xylenes        | 1330-20-7 | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:08 | U    | 1 |
|----------------------|-----------|------------|------------|-------|--------|------------------|------|---|
| Total BTEX           |           | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:08 | U    | 1 |
| Surrogate            |           | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |
| 4-Bromofluorobenzene |           | 460-00-4   | 110        | %     | 70-130 | 08.29.2020 10:08 |      |   |
| 1,4-Difluorobenzene  |           | 540-36-3   | 106        | %     | 70-130 | 08.29.2020 10:08 |      |   |
|                      |           |            |            |       |        |                  |      |   |

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

Cole State #10

| Sample Id: <b>FL7 @ 4'</b><br>Lab Sample Id: 671116-006  |   | Matrix:<br>Date Coll                   | Soil<br>ected: 08.25                              | .2020 00:00          |                                  | Date Received:08.27<br>Sample Depth: 4 ft   | 7.2020 11:               | :40             |
|--|---|--|---|----------------------|----------------------------------|---|--------------------------|-----------------|
| Analytical Method: Chloride by EF  | PA 300  |  |   |                      |                                  | Prep Method: E300   | )P                       |                 |
| Tech: SPC  |   |  |   |                      |                                  | % Moisture:   |                          |                 |
| Analyst: SPC   |   | Date Prep                              | . 08.27   | .2020 17:35          |                                  | Basis: Wet  | Weight                   |                 |
| Seq Number: 3135777  |   | 1                                      |   |                      |                                  |   |                          |                 |
| Parameter  | Cas Number  | Result                                 | RL  |                      | Units                            | Analysis Date   | Flag                     | Dil             |
| Chloride   | 16887-00-6  | 864                                    | 25.1  |                      | mg/kg                            | 08.28.2020 00:45  |                          | 5               |
| Analytical Method: TPH By SW80   | 15 Mod  |  |   |                      |                                  | Prep Method: SW8  | 6015P                    |                 |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 115 Mod   | Date Prep                              | o: 08.28  | .2020 16:00          |                                  | % Moisture:   | 015P<br>Weight           |                 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 15 Mod<br>Cas Number                                    | Date Prep<br><b>Result</b>             | o: 08.28.<br>RL                                   | .2020 16:00          | Units                            | % Moisture:   |                          | Dil             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  |   | -                                      |   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet   | Weight                   | <b>Dil</b><br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number  | Result                                 | RL  | .2020 16:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date  | Weight<br>Flag           |                 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610                                    | <b>Result</b> <49.9                    | <b>RL</b><br>49.9                                 | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:15  | Weight<br>Flag           | 1               |
| Tech: DVM<br>Analyst: ARM  | Cas Number<br>PHC610<br>C10C28DRO                       | Result<br><49.9<br>156                 | <b>RL</b><br>49.9<br>49.9                         | .2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:15<br>08.29.2020 06:15  | Weight<br>Flag<br>U      | 1               |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>156<br><49.9<br>156 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:15<br>08.29.2020 06:15<br>08.29.2020 06:15<br>08.29.2020 06:15                                      | Weight<br>Flag<br>U      | 1<br>1<br>1     |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>156<br><49.9<br>156 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:15<br>08.29.2020 06:15<br>08.29.2020 06:15<br>08.29.2020 06:15<br>08.29.2020 06:15<br>Analysis Date | Weight<br>Flag<br>U<br>U | 1<br>1<br>1     |

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## **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id: FL7 @ 4'              |            | Matrix:       | Soil                |       | Date Received | 1:08.27.20 | 020 11:4 | 0   |
|----------------------------------|------------|---------------|---------------------|-------|---------------|------------|----------|-----|
| Lab Sample Id: 671116-006        |            | Date Collecte | d: 08.25.2020 00:00 |       | Sample Depth  | :4 ft      |          |     |
| Analytical Method: BTEX by EPA 8 | 8021B      |               |                     |       | Prep Method:  | SW5035     | 5A       |     |
| Tech: AMF                        |            |               |                     |       | % Moisture:   |            |          |     |
| Analyst: AMF                     |            | Date Prep:    | 08.28.2020 16:00    |       | Basis:        | Wet We     | ight     |     |
| Seq Number: 3135897              |            |               |                     |       |               |            |          |     |
| Parameter                        | Cas Number | Result RI     |                     | Units | Analysis D    | ate F      | lag      | Dil |

| i urumeter           | Cubittunibe | 1000000    | KL         |       | Onto   | Analysis Date    | Tiag | DI |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|----|
| Benzene              | 71-43-2     | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | UX   | 1  |
| Toluene              | 108-88-3    | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | UX   | 1  |
| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | UX   | 1  |
| m,p-Xylenes          | 179601-23-1 | < 0.00399  | 0.00399    |       | mg/kg  | 08.29.2020 05:21 | UX   | 1  |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | UX   | 1  |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | U    | 1  |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.29.2020 05:21 | U    | 1  |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |    |
| 1,4-Difluorobenzene  |             | 540-36-3   | 97         | %     | 70-130 | 08.29.2020 05:21 |      |    |
| 4-Bromofluorobenzene |             | 460-00-4   | 116        | %     | 70-130 | 08.29.2020 05:21 |      |    |

Environment Testin Xenco

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

Cole State #10

| Sample Id:         FL8 @ 4'           Lab Sample Id:         671116-007  |   | Matrix:<br>Date Colle       | Soil<br>cted: 08.25.3              | 2020 00:00          |                                  | Date Received:08.2<br>Sample Depth: 4 ft  | 7.2020 11                        | :40         |
|--|---|-----------------------------|------------------------------------|---------------------|----------------------------------|---|----------------------------------|-------------|
| Analytical Method: Chloride by El  | PA 300  |                             |                                    |                     |                                  | Prep Method: E300   | OP                               |             |
| Tech: SPC  |   |                             |                                    |                     |                                  | % Moisture:   |                                  |             |
| Analyst: SPC   |   | Date Prep:                  | 08.27.                             | 2020 17:35          |                                  | Basis: Wet  | Weight                           |             |
| Seq Number: 3135777  |   |                             |                                    |                     |                                  |   |                                  |             |
| Parameter  | Cas Number  | Result                      | RL                                 |                     | Units                            | Analysis Date   | Flag                             | Dil         |
| Chloride   | 16887-00-6  | 1990                        | 25.1                               |                     | mg/kg                            | 08.28.2020 00:50  |                                  | 5           |
| Analytical Method: TPH By SW80   | 015 Mod   |                             |                                    |                     |                                  | Prep Method: SW8  | 3015P                            |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | )15 Mod   | Date Prep:                  | 08.28.                             | 2020 16:00          |                                  | % Moisture:   | 3015P<br>Weight                  |             |
| Tech: DVM<br>Analyst: ARM  | 015 Mod<br>Cas Number   | Date Prep:<br><b>Result</b> | 08.28.<br><b>RL</b>                | 2020 16:00          |                                  | % Moisture:   |                                  | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   |   | Ĩ                           |                                    | 2020 16:00          |                                  | % Moisture:<br>Basis: Wet   | Weight                           | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number  | Result                      | RL                                 | 2020 16:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date  | Weight<br>Flag                   |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610  | Result<br><50.0             | <b>RL</b> 50.0                     | 2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:35  | Weight<br>Flag                   | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                             | Result<br><50.0<br>137      | <b>RL</b><br>50.0<br>50.0          | 2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:35<br>08.29.2020 06:35  | Weight<br>Flag<br>U              | 1<br>1      |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635       | Result           <50.0      | <b>RL</b><br>50.0<br>50.0<br>50.0  | 2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 06:35           08.29.2020 06:35           08.29.2020 06:35           08.29.2020 06:35           08.29.2020 06:35           08.29.2020 06:35           08.29.2020 06:35 | Weight<br>Flag<br>U              | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635<br>Ca | Result           <50.0      | <b>RL</b> 50.0 50.0 50.0 50.0 50.0 |                     | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 06:35<br>08.29.2020 06:35<br>08.29.2020 06:35<br>08.29.2020 06:35<br>08.29.2020 06:35<br>Analysis Date   | Weight<br>Flag<br>U<br>U<br>Flag | 1<br>1<br>1 |

#### Xenco

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

Cole State #10

| Sample Id: <b>FL8 @ 4'</b><br>Lab Sample Id: 671116-007 |            | Matrix:<br>Date Collecte | Soil<br>d: 08.25.2020 00:00 | Date Receiv<br>Sample Dep | ved:08.27.2020 11<br>pth: 4 ft | :40 |
|---|------------|--------------------------|-----------------------------|---------------------------|--------------------------------|-----|
| Analytical Method: BTEX by EF<br>Tech: AMF              | PA 8021B   |                          |                             | Prep Metho<br>% Moisture  | d: SW5035A                     |     |
| Tech: AMF<br>Analyst: AMF                               |            | Date Prep:               | 08.28.2020 16:00            | Basis:                    | Wet Weight                     |     |
| Seq Number: 3135897                                     |            | Bute Hep.                |                             |                           | 6                              |     |
| Parameter   | Cas Number | Result RI                | . I                         | Jnits Analysis            | Date Flag                      | Dil |

| rarameter            | Cas Nullibe | i Kesuit   | KL         |       | Units  | Analysis Date    | riag | DII |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| Total BTEX           |             | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 10:28 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 106        | %     | 70-130 | 08.29.2020 10:28 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 104        | %     | 70-130 | 08.29.2020 10:28 |      |     |
|                      |             |            |            |       |        |                  |      |     |

Xenco

# **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id: <b>FL9 @ 4'</b><br>Lab Sample Id: 671116-008   |   | Matrix:<br>Date Coll                     | Soil<br>lected: 08.25                      | .2020 00:00          |                                  | Date Received:08.2<br>Sample Depth: 4 ft   | 7.2020 11:                       | :40         |
|---|---|--|--|----------------------|----------------------------------|--|----------------------------------|-------------|
| Analytical Method: Chloride by EI   | PA 300  |  |  |                      |                                  | Prep Method: E300  | 0P                               |             |
| Tech: SPC   |   |  |  |                      |                                  | % Moisture:  |                                  |             |
| Analyst: SPC  |   | Date Prep                                | p: 08.27                                   | .2020 17:50          |                                  | Basis: Wet   | Weight                           |             |
| Seq Number: 3135788   |   |  |  |                      |                                  |  | C                                |             |
| Parameter   | Cas Number  | Result                                   | RL   |                      | Units                            | Analysis Date  | Flag                             | Dil         |
| Chloride  | 16887-00-6  | 628                                      | 5.04                                       |                      | mg/kg                            | 08.28.2020 01:22   |                                  | 1           |
| Analytical Method: TPH By SW80<br>Tech: DVM   | 015 Mod   |  |  |                      |                                  | Prep Method: SW8<br>% Moisture:  | 3015P                            |             |
|   | )15 Mod   | Date Prep                                | p: 08.28                                   | .2020 16:00          |                                  | % Moisture:  | 8015P<br>Weight                  |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950  | )15 Mod<br>Cas Number                                   | Date Prep<br>Result                      | p: 08.28<br><b>RL</b>                      | .2020 16:00          | Units                            | % Moisture:  |                                  | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter   |   |  | F -  | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                           | Dil<br>1    |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)  | Cas Number  | Result                                   | RL   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                   |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number<br>PHC610                                    | Result<br><49.8                          | RL<br>49.8                                 | .2020 16:00          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:14   | Weight<br>Flag                   | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO                       | Result<br><49.8<br>71.9                  | <b>RL</b><br>49.8<br>49.8                  | .2020 16:00          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:14<br>08.29.2020 07:14   | Weight<br>Flag<br>U              | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br>71.9<br><49.8<br>71.9 | RL<br>49.8<br>49.8<br>49.8                 | .2020 16:00<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:14<br>08.29.2020 07:14<br>08.29.2020 07:14<br>08.29.2020 07:14 | Weight<br>Flag<br>U              | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br>71.9<br><49.8<br>71.9 | RL<br>49.8<br>49.8<br>49.8<br>49.8<br>49.8 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:14<br>08.29.2020 07:14<br>08.29.2020 07:14<br>08.29.2020 07:14 | Weight<br>Flag<br>U<br>U<br>Flag | 1<br>1<br>1 |

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

Cole State #10

| Sample Id:<br>Lab Sample I | Sample Id: <b>FL9 @ 4'</b><br>Lab Sample Id: 671116-008 |            |            | Soil<br>d: 08.25.2020 00:00 |       | Date Received<br>Sample Depth | 7.2020 11: | :40    |     |
|----------------------------|---|------------|------------|-----------------------------|-------|-------------------------------|------------|--------|-----|
| Analytical Mo              | ethod: BTEX by EPA 80                                   | 21B        |            |                             |       | Prep Method:                  | SW5        | 035A   |     |
| Tech:                      | AMF   |            |            |                             |       | % Moisture:                   |            |        |     |
| Analyst:                   | AMF   |            | Date Prep: | 08.28.2020 16:00            |       | Basis:                        | Wet        | Weight |     |
| Seq Number:                | 3135897   |            |            |                             |       |                               |            |        |     |
| Parameter                  |   | Cas Number | Result RI  |                             | Units | Analysis D                    | ate        | Flag   | Dil |

| Parameter            | Cas Number  | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00397  | 0.00397    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00198  | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| Total BTEX           |             | <0.00198   | 0.00198    |       | mg/kg  | 08.29.2020 10:49 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 105        | %     | 70-130 | 08.29.2020 10:49 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 117        | %     | 70-130 | 08.29.2020 10:49 |      |     |

Environment Testir Xenco

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

Cole State #10

| Sample Id:         FL10 @ 4'           Lab Sample Id:         671116-009   |  | Matrix:<br>Date Colle                  | Soil<br>ected: 08.25.                     | 2020 00:00          |                                  | Date Received:08.27.2020 11:40<br>Sample Depth: 4 ft   |                     |             |  |
|--|--|--|---|---------------------|----------------------------------|--|---------------------|-------------|--|
| Analytical Method: Chloride by El  | PA 300   |  |   |                     |                                  | Prep Method: E300  | )P                  |             |  |
| Tech: SPC  |  |  |   |                     |                                  | % Moisture:  |                     |             |  |
| Analyst: SPC   |  | Date Prep:                             | 08.27.                                    | 2020 17:50          |                                  | Basis: Wet   | Weight              |             |  |
| Seq Number: 3135788  |  |  |   |                     |                                  |  |                     |             |  |
| Parameter  | Cas Number   | Result                                 | RL  |                     | Units                            | Analysis Date  | Flag                | Dil         |  |
| Chloride   | 16887-00-6   | 1690                                   | 24.9                                      |                     | mg/kg                            | 08.28.2020 01:38   |                     | 5           |  |
| Analytical Method: TPH By SW80   | 015 Mod  |  |   |                     |                                  | Prep Method: SW8   | 8015P               |             |  |
| Tech:DVMAnalyst:ARMSeq Number:3135950  |  | Date Prep:                             |   | 2020 16:00          |                                  | % Moisture:  | 8015P<br>Weight     |             |  |
| Tech: DVM<br>Analyst: ARM  | )15 Mod<br>Cas Number  | Date Prep:<br>Result                   | 08.28.<br>RL                              | 2020 16:00          | Units                            | % Moisture:  |                     | Dil         |  |
| Tech:DVMAnalyst:ARMSeq Number:3135950  |  |  |   | 2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b>  |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number   | Result                                 | RL  | 2020 16:00          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |             |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610   | <b>Result</b> <50.0                    | <b>RL</b> 50.0                            | 2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:34   | Weight<br>Flag      |             |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO  | Result<br><50.0<br>958                 | <b>RL</b><br>50.0<br>50.0                 | 2020 16:00          | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:34<br>08.29.2020 07:34   | Weight<br>Flag      | 1           |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635                      | Result<br><50.0<br>958<br>89.1<br>1050 | <b>RL</b><br>50.0<br>50.0<br>50.0         | 2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 07:34           08.29.2020 07:34           08.29.2020 07:34           08.29.2020 07:34           08.29.2020 07:34           08.29.2020 07:34 | Weight<br>Flag      | 1<br>1<br>1 |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635<br><b>C</b> a | Result<br><50.0<br>958<br>89.1<br>1050 | <b>RL</b><br>50.0<br>50.0<br>50.0<br>50.0 |                     | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:34<br>08.29.2020 07:34<br>08.29.2020 07:34<br>08.29.2020 07:34<br>08.29.2020 07:34   | Weight<br>Flag<br>U | 1<br>1<br>1 |  |

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# **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id: FL10 @ 4'       |             | Matrix:       | Soil                | Ι     | Date Received | :08.27.2020 11 | :40 |
|----------------------------|-------------|---------------|---------------------|-------|---------------|----------------|-----|
| Lab Sample Id: 671116-009  |             | Date Collecte | d: 08.25.2020 00:00 | S     | Sample Depth: | 4 ft           |     |
| Analytical Method: BTEX by | y EPA 8021B |               |                     | F     | Prep Method:  | SW5035A        |     |
| Tech: AMF                  |             |               |                     | 9     | % Moisture:   |                |     |
| Analyst: AMF               |             | Date Prep:    | 08.29.2020 15:00    | E     | Basis:        | Wet Weight     |     |
| Seq Number: 3135908        |             |               |                     |       |               |                |     |
| Parameter                  | Cas Number  | Result RI     | _                   | Units | Analysis Da   | ite Flag       | Dil |

| T ur uniciter        | Cusitumse   | 100000     | NL         |       | Onto   | Analysis Date    | Tiag | DI |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|----|
| Benzene              | 71-43-2     | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | U    | 1  |
| Toluene              | 108-88-3    | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | UX   | 1  |
| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | UX   | 1  |
| m,p-Xylenes          | 179601-23-1 | < 0.00399  | 0.00399    |       | mg/kg  | 08.30.2020 04:46 | UX   | 1  |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | UX   | 1  |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | U    | 1  |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 04:46 | U    | 1  |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |    |
| 1,4-Difluorobenzene  |             | 540-36-3   | 104        | %     | 70-130 | 08.30.2020 04:46 |      |    |
| 4-Bromofluorobenzene |             | 460-00-4   | 100        | %     | 70-130 | 08.30.2020 04:46 |      |    |

Environment Testin Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample Id:  | <b>FL11 @ 4'</b><br>671116-010  |   | Matrix:<br>Date Co                      | Soil<br>Ilected: 08.26                  | .2020 00:00          |                         | Date Received:08.2<br>Sample Depth: 4 ft   | 7.2020 11           | :40         |
|---|---|---|---|---|----------------------|-------------------------|--|---------------------|-------------|
| Analytical Meth   | hod: Chloride by EP.  | A 300   |   |   |                      |                         | Prep Method: E300  | 0P                  |             |
| Tech:   | SPC   |   |   |   |                      |                         | % Moisture:  |                     |             |
| Analyst:  | SPC   |   | Date Pre                                | ep: 08.27                               | .2020 17:50          |                         | Basis: Wet   | Weight              |             |
| Seq Number:   | 3135788   |   |   | 1                                       |                      |                         |  | -                   |             |
| Parameter   |   | Cas Number  | Result                                  | RL                                      |                      | Units                   | Analysis Date  | Flag                | Dil         |
| Chloride  |   | 16887-00-6  | 1630                                    | 25.0                                    |                      | mg/kg                   | 08.28.2020 01:43   |                     | 5           |
| -   | hod: TPH By SW80  | 15 Mod  |   |   |                      |                         | Prep Method: SW8   | 3015P               |             |
| Tech: Analyst:  | hod: TPH By SW80<br>DVM<br>ARM<br>3135950                                       | 15 Mod  | Date Pre                                | ep: 08.28                               | .2020 16:00          |                         | % Moisture:  | 8015P<br>Weight     |             |
| Tech: I<br>Analyst: A<br>Seq Number: 3  | DVM<br>ARM  | 15 Mod<br>Cas Number                                    | Date Pre<br>Result                      | ep: 08.28<br><b>RL</b>                  | .2020 16:00          | Units                   | % Moisture:  |                     | Dil         |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter   | DVM<br>ARM  |   |   |   | .2020 16:00          | Units<br>mg/kg          | % Moisture:<br>Basis: Wet  | Weight              | <b>Dil</b>  |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy  | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)                                      | Cas Number  | Result                                  | RL                                      | .2020 16:00          |                         | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag      |             |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Org                                    | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)                                      | Cas Number<br>PHC610                                    | Result<br><49.9                         | <b>RL</b><br>49.9                       | .2020 16:00          | mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:54   | Weight<br>Flag      | 1           |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Org<br>Motor Oil Range Hy              | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>ganics (DRO)                      | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <49.9 1250                | <b>RL</b><br>49.9<br>49.9               | .2020 16:00          | mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:54<br>08.29.2020 07:54   | Weight<br>Flag      | 1<br>1      |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Org<br>Motor Oil Range Hy              | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>ganics (DRO)                      | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>1250<br>94.1<br>1340 | <b>RL</b><br>49.9<br>49.9<br>49.9       | .2020 16:00<br>Units | mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:54<br>08.29.2020 07:54<br>08.29.2020 07:54<br>08.29.2020 07:54 | Weight<br>Flag      | 1<br>1<br>1 |
| Tech: I<br>Analyst: A<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Org<br>Motor Oil Range Hy<br>Total TPH | DVM<br>ARM<br>3135950<br>ydrocarbons (GRO)<br>ganics (DRO)<br>ydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>1250<br>94.1<br>1340 | <b>RL</b> 49.9 49.9 49.9 49.9 49.9 49.9 |                      | mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 07:54<br>08.29.2020 07:54<br>08.29.2020 07:54<br>08.29.2020 07:54 | Weight<br>Flag<br>U | 1<br>1<br>1 |

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

Cole State #10

| 1                  | 1 @ 4'            |                 | Soil             |               | :08.27.2020 11:4 | 0   |
|--------------------|-------------------|-----------------|------------------|---------------|------------------|-----|
| Lab Sample Id: 671 | 116-010           | Date Collected: | 08.26.2020 00:00 | Sample Depth: | 4 ft             |     |
| Analytical Method: | BTEX by EPA 8021B |                 |                  | Prep Method:  | SW5035A          |     |
| Tech: AMF          | 7                 |                 |                  | % Moisture:   |                  |     |
| Analyst: AMF       | 7                 | Date Prep:      | 08.29.2020 15:00 | Basis:        | Wet Weight       |     |
| Seq Number: 3135   | 908               |                 |                  |               |                  |     |
| Parameter          | Cas Number R      | esult RL        | Units            | Analysis Da   | te Flag          | Dil |

| Parameter            | Cas Numbe   | r Kesun    | KL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| Total BTEX           |             | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 05:07 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 110        | %     | 70-130 | 08.30.2020 05:07 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 127        | %     | 70-130 | 08.30.2020 05:07 |      |     |

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# **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id:         FL12 @ 4'           Lab Sample Id:         671116-011   |  | Matrix:<br>Date Co                     | Soil<br>ollected: 08.26                    | .2020 00:00          |   |   |                     |             |
|--|--|--|--|----------------------|---|---|---------------------|-------------|
| Analytical Method: Chloride by EP  | PA 300   |  |  |                      |   | Prep Method: E300   | )P                  |             |
| Tech: SPC  |  |  |  |                      |   | % Moisture:   |                     |             |
| Analyst: SPC   |  | Date Pre                               | ep: 08.27                                  | .2020 17:50          |   | Basis: Wet  | Weight              |             |
| Seq Number: 3135788  |  |  |  |                      |   |   |                     |             |
| Parameter  | Cas Number   | Result                                 | RL   |                      | Units                                     | Analysis Date   | Flag                | Dil         |
| Chloride   | 16887-00-6   | 1720                                   | 50.1                                       |                      | mg/kg                                     | 08.28.2020 01:48  |                     | 10          |
| Analytical Method: TPH By SW80   | 15 Mod   |  |  |                      |   | Prep Method: SW8  | 015P                |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 15 Mod   | Date Pre                               | ep: 08.28.                                 | .2020 16:00          |   | % Moisture:   | 015P<br>Weight      |             |
| Tech: DVM<br>Analyst: ARM  | 15 Mod<br>Cas Number   | Date Pre<br>Result                     | ep: 08.28.<br>RL                           | .2020 16:00          |   | % Moisture:   |                     | Dil         |
| Tech:DVMAnalyst:ARMSeq Number:3135950  |  |  |  | .2020 16:00          |   | % Moisture:<br>Basis: Wet   | Weight              | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number   | Result                                 | RL   | .2020 16:00          | Units                                     | <ul> <li>Moisture:</li> <li>Basis: Wet</li> <li>Analysis Date</li> </ul>  | Weight<br>Flag      |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610   | Result                                 | RL<br>50.0                                 | .2020 16:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:14  | Weight<br>Flag      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                              | <b>Result</b><br><50.0<br><b>1980</b>  | RL<br>50.0<br>50.0                         | .2020 16:00          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:14<br>08.29.2020 08:14  | Weight<br>Flag      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635        | Result<br><50.0<br>1980<br>119<br>2100 | RL<br>50.0<br>50.0<br>50.0                 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 08:14           08.29.2020 08:14           08.29.2020 08:14   | Weight<br>Flag      | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><50.0<br>1980<br>119<br>2100 | RL<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 08:14           08.29.2020 08:14           08.29.2020 08:14           08.29.2020 08:14           08.29.2020 08:14 | Weight<br>Flag<br>U | 1<br>1<br>1 |

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

Cole State #10

| Sample Id:    | FL12 @ 4'             |            | Matrix:        | Soil                | Da    | te Received:08.2 | 27.2020 11: | 40  |
|---------------|-----------------------|------------|----------------|---------------------|-------|------------------|-------------|-----|
| Lab Sample I  | d: 671116-011         |            | Date Collected | d: 08.26.2020 00:00 | Sai   | nple Depth: 4 ft |             |     |
| Analytical Mo | ethod: BTEX by EPA 80 | 21B        |                |                     | Pre   | p Method: SW     | 5035A       |     |
| Tech:         | AMF                   |            |                |                     | % ]   | Moisture:        |             |     |
| Analyst:      | AMF                   |            | Date Prep:     | 08.29.2020 15:00    | Ba    | sis: We          | t Weight    |     |
| Seq Number:   | 3135908               |            |                |                     |       |                  |             |     |
| Parameter     |                       | Cas Number | Result RI      |                     | Units | Analysis Data    | Flag        | Dil |

| Parameter            | Cas Numbe   | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00401  | 0.00401    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 08.30.2020 05:27 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 107        | %     | 70-130 | 08.30.2020 05:27 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 128        | %     | 70-130 | 08.30.2020 05:27 |      |     |

Environment Testin Xenco

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

Cole State #10

| Sample Id: <b>FL13 @4'</b><br>Lab Sample Id: 671116-012  |   | Matrix:<br>Date Col                       | Soil<br>lected: 08.26                             | .2020 00:00          |   | Date Received:08.27.2020 11:<br>Sample Depth: 4 ft   |                          |             |
|--|---|---|---|----------------------|---|--|--------------------------|-------------|
| Analytical Method: Chloride by E   | PA 300  |   |   |                      |   | Prep Method: E300  | )P                       |             |
| Tech: SPC  |   |   |   |                      |   | % Moisture:  |                          |             |
| Analyst: SPC   |   | Date Pre                                  | p: 08.27  | .2020 17:50          |   | Basis: Wet   | Weight                   |             |
| Seq Number: 3135788  |   |   | L   |                      |   |  | -                        |             |
| Parameter  | Cas Number  | Result                                    | RL  |                      | Units                                     | Analysis Date  | Flag                     | Dil         |
| Chloride   | 16887-00-6  | 1370                                      | 25.2  |                      | mg/kg                                     | 08.28.2020 01:54   |                          | 5           |
| Analytical Method: TPH By SW8<br>Tech: DVM   | 015 Mod   |   |   |                      |   | Prep Method: SW8<br>% Moisture:  | 8015P                    |             |
|  | 015 Mod   | Date Prej                                 | p: 08.28  | .2020 16:00          |   | % Moisture:  | 3015P<br>Weight          |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | 015 Mod<br>Cas Number                                   | Date Prej<br>Result                       | p: 08.28.<br><b>RL</b>                            | .2020 16:00          |   | % Moisture:  |                          | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  |   |   | Γ.  | .2020 16:00          |   | % Moisture:<br>Basis: Wet  | Weight                   | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number  | Result                                    | RL  | .2020 16:00          | Units                                     | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag           |             |
| Tech: DVM<br>Analyst: ARM  | Cas Number<br>PHC610                                    | Result<br><49.9                           | RL<br>49.9  | .2020 16:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:34   | Weight<br>Flag           |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | Result<br><49.9<br>141                    | <b>RL</b><br>49.9<br>49.9                         | .2020 16:00          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:34<br>08.29.2020 08:34   | Weight<br>Flag<br>U      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 141 <49.9 141 141 141 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:34<br>08.29.2020 08:34<br>08.29.2020 08:34<br>08.29.2020 08:34                     | Weight<br>Flag<br>U      | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Cotal TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 141 <49.9 141 141 141 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:34<br>08.29.2020 08:34<br>08.29.2020 08:34<br>08.29.2020 08:34<br>08.29.2020 08:34 | Weight<br>Flag<br>U<br>U | 1<br>1<br>1 |

#### Environment Testi Xenco

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

Cole State #10

| Sample Id: FL13 @4'              |            | Matrix:       | Soil                |       | Date Receive       | d:08.27 | 7.2020 11:4 | 40  |
|----------------------------------|------------|---------------|---------------------|-------|--------------------|---------|-------------|-----|
| Lab Sample Id: 671116-012        |            | Date Collecte | d: 08.26.2020 00:00 |       | Sample Depth: 4 ft |         |             |     |
| Analytical Method: BTEX by EPA 8 | 8021B      |               |                     |       | Prep Method:       | SW5     | 035A        |     |
| Tech: AMF                        |            |               |                     |       | % Moisture:        |         |             |     |
| Analyst: AMF                     |            | Date Prep:    | 08.28.2020 16:00    |       | Basis:             | Wet     | Weight      |     |
| Seq Number: 3135897              |            |               |                     |       |                    |         |             |     |
| Parameter                        | Cas Number | Result RI     | 2                   | Units | Analysis D         | ate     | Flag        | Dil |

| Turumeter            | Cubitumbe   |            | <b>KL</b>  |       | Onto   | Analysis Date    | Tiag | Di |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|----|
| Benzene              | 71-43-2     | < 0.00198  | 3 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| Toluene              | 108-88-3    | < 0.00198  | 8 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| Ethylbenzene         | 100-41-4    | < 0.00198  | 8 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| m,p-Xylenes          | 179601-23-1 | < 0.00396  | 5 0.00396  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| o-Xylene             | 95-47-6     | < 0.00198  | 3 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| Total Xylenes        | 1330-20-7   | < 0.00198  | 8 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| Total BTEX           |             | < 0.00198  | 3 0.00198  |       | mg/kg  | 08.29.2020 11:10 | U    | 1  |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |    |
| 1,4-Difluorobenzene  |             | 540-36-3   | 106        | %     | 70-130 | 08.29.2020 11:10 |      |    |
| 4-Bromofluorobenzene |             | 460-00-4   | 112        | %     | 70-130 | 08.29.2020 11:10 |      |    |

o-Terphenyl

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Environment Testir Xenco

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

Cole State #10

| Sample Id: FL14 @4'   |   | Matrix:                                | Soil                              |                      |                         | Date Received:08.2   | Date Received:08.27.2020 11:40 |             |  |
|---|---|--|-----------------------------------|----------------------|-------------------------|--|--------------------------------|-------------|--|
| Lab Sample Id: 671116-013   |   | Date Col                               | llected: 08.26                    | .2020 00:00          |                         | Sample Depth: 4 ft   |                                |             |  |
| Analytical Method: Chloride by EP   | PA 300  |  |                                   |                      |                         | Prep Method: E30   | 0P                             |             |  |
| Tech: SPC   |   |  |                                   |                      |                         | % Moisture:  |                                |             |  |
| Analyst: SPC  |   | Date Pre                               | ep: 08.27                         | .2020 17:50          |                         | Basis: Wet   | Weight                         |             |  |
| Seq Number: 3135788   |   |  | -                                 |                      |                         |  |                                |             |  |
| Parameter   | Cas Number  | Result                                 | RL                                |                      | Units                   | Analysis Date  | Flag                           | Dil         |  |
| Chloride  | 16887-00-6  | 1310                                   | 24.9                              |                      | mg/kg                   | 08.28.2020 02:09   |                                | 5           |  |
| Analytical Method: TPH By SW80  | 15 Mod  |  |                                   |                      |                         | Prep Method: SW  | 8015P                          |             |  |
|   | 15 Mod  |  |                                   |                      |                         | 1  | 8015P                          |             |  |
| Tech: DVM   | 15 Mod  |  |                                   | 2020 16:00           |                         | % Moisture:  |                                |             |  |
| Tech: DVM<br>Analyst: ARM   | 15 Mod  | Date Pre                               | ep: 08.28                         | .2020 16:00          |                         | % Moisture:  | 8015P<br>Weight                |             |  |
| Tech: DVM   | 15 Mod  | Date Pre                               | ep: 08.28                         | .2020 16:00          |                         | % Moisture:  |                                |             |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950  | 15 Mod<br>Cas Number                                    | Date Pre<br><b>Result</b>              | p: 08.28<br><b>RL</b>             | .2020 16:00          | Units                   | % Moisture:  |                                | Dil         |  |
| Tech: DVM<br>Analyst: ARM   |   |  | F.                                | .2020 16:00          | Units<br>mg/kg          | % Moisture:<br>Basis: Wet  | Weight                         |             |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter   | Cas Number  | Result                                 | RL                                | .2020 16:00          |                         | <ul> <li>Moisture:</li> <li>Basis: Wet</li> <li>Analysis Date</li> </ul>   | Weight<br>Flag                 |             |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number<br>PHC610                                    | Result<br><49.9                        | <b>RL</b><br>49.9                 | .2020 16:00          | mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:53   | Weight<br>Flag                 | 1           |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b><br><49.9<br><b>300</b>   | <b>RL</b><br>49.9<br>49.9         | .2020 16:00          | mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:53<br>08.29.2020 08:53   | Weight<br>Flag<br>U            | -           |  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.9<br>300<br><49.9<br>300 | <b>RL</b><br>49.9<br>49.9<br>49.9 | .2020 16:00<br>Units | mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 08:53<br>08.29.2020 08:53<br>08.29.2020 08:53<br>08.29.2020 08:53 | Weight<br>Flag<br>U            | 1<br>1<br>1 |  |

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%

70-130

08.29.2020 08:53

84-15-1

#### Environment Testi Xenco

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

Cole State #10

| Sample Id: <b>FL14</b><br>Lab Sample Id: 67111 | -          | Matrix:<br>Date Collected | Soil<br>: 08.26.2020 00:00 | Date Received:08.27.202<br>Sample Depth: 4 ft |            | 40  |
|--|------------|---------------------------|----------------------------|---|------------|-----|
| Analytical Method: B                           |            | 0011000                   |                            | Prep Method                                   |            |     |
| Tech: AMF                                      |            |                           |                            | % Moisture:                                   |            |     |
| Analyst: AMF                                   |            | Date Prep:                | 08.29.2020 15:00           | Basis:  | Wet Weight |     |
| Seq Number: 313590                             | 8          |                           |                            |   |            |     |
| Parameter                                      | Cas Number | Result RL                 | Uni                        | its Analysis E                                | ate Flag   | Dil |

| 1 arameter           | Cas i tumbe | i ittouit  | <b>KL</b>  |       | Omts   | Analysis Date    | riag | Dii |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00397  | 0.00397    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| Total BTEX           |             | < 0.00198  | 0.00198    |       | mg/kg  | 08.30.2020 05:48 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 105        | %     | 70-130 | 08.30.2020 05:48 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 113        | %     | 70-130 | 08.30.2020 05:48 |      |     |

Environment Testir Xenco

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

Cole State #10

| Sample Id:         FL15 @4'           Lab Sample Id:         671116-014  |   | Matrix:<br>Date Coll                   | Soil<br>lected: 08.26                     | .2020 00:00          |   | Date Received:08.27.2020 11:<br>Sample Depth: 4 ft   |                          |             |
|--|---|--|---|----------------------|---|--|--------------------------|-------------|
| Analytical Method: Chloride by EPA   | A 300   |  |   |                      |   | Prep Method: E30   | OP                       |             |
| Tech: SPC  |   |  |   |                      |   | % Moisture:  |                          |             |
| Analyst: SPC   |   | Date Prep                              | o: 08.27                                  | .2020 17:50          |   | Basis: Wet   | t Weight                 |             |
| Seq Number: 3135788  |   | 1                                      |   |                      |   |  | -                        |             |
| Parameter  | Cas Number  | Result                                 | RL  |                      | Units                                     | Analysis Date  | Flag                     | Dil         |
| Chloride   | 16887-00-6  | 1190                                   | 24.8                                      |                      | mg/kg                                     | 08.28.2020 02:15   |                          | 5           |
| Analytical Method: TPH By SW801  | 5 Mod   |  |   |                      |   | Prep Method: SW  | 8015P                    |             |
| Analytical Method: TPH By SW801<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950  | 5 Mod   | Date Prep                              | o: 08.28                                  | .2020 16:00          |   | % Moisture:  | 8015P<br>t Weight        |             |
| Tech: DVM<br>Analyst: ARM  | 5 Mod<br>Cas Number                                     |  | o: 08.28.<br><b>RL</b>                    | .2020 16:00          |   | % Moisture:  |                          | Dil         |
| Tech:DVMAnalyst:ARMSeq Number:3135950  |   |  |   | .2020 16:00          |   | % Moisture:<br>Basis: We   | t Weight                 | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  | Cas Number  | Result                                 | RL  | .2020 16:00          | Units                                     | Moisture:<br>Basis: Wer<br>Analysis Date   | t Weight                 |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610                                    | Result 69.5                            | RL<br>50.0                                | .2020 16:00          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:13   | t Weight                 | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | Result<br>69.5<br>1060                 | <b>RL</b><br>50.0<br>50.0                 | .2020 16:00          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:13<br>08.29.2020 09:13   | t Weight                 | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br>69.5<br>1060<br>78.2<br>1210 | <b>RL</b><br>50.0<br>50.0<br>50.0         | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:13<br>08.29.2020 09:13<br>08.29.2020 09:13<br>08.29.2020 09:13                     | t Weight                 | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br>69.5<br>1060<br>78.2<br>1210 | <b>RL</b><br>50.0<br>50.0<br>50.0<br>50.0 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wer<br>08.29.2020 09:13<br>08.29.2020 09:13<br>08.29.2020 09:13<br>08.29.2020 09:13<br>08.29.2020 09:13<br>Analysis Date | t Weight<br>Flag<br>Flag | 1<br>1<br>1 |

#### Xenco

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

Cole State #10

| Sample Id: <b>FL15 @4'</b><br>Lab Sample Id: 671116-014 |             | Matrix:<br>Date Collecte | Soil<br>d: 08.26.2020 00:00 | Date Recei<br>Sample De | ived:08.27.2020 11<br>epth: 4 ft | :40 |
|---|-------------|--------------------------|-----------------------------|-------------------------|----------------------------------|-----|
| Analytical Method: BTEX by                              | y EPA 8021B |                          |                             | 1                       | od: SW5035A                      |     |
| Tech: AMF<br>Analyst: AMF                               |             | Date Prep:               | 08.29.2020 15:00            | % Moistur<br>Basis:     | e:<br>Wet Weight                 |     |
| Seq Number: 3135908                                     |             | Bute Hep.                |                             |                         | 6                                |     |
| Parameter   | Cas Number  | Result RI                |                             | Units Analysi           | s Date Flag                      | Dil |

| r al alletel         | Cas Nullibe | i Kesun    | KL         |       | Units  | Analysis Date    | riag | Dii |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 08.30.2020 06:09 | U    | 1   |
| Toluene              | 108-88-3    | 0.00469    | 0.00199    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| Ethylbenzene         | 100-41-4    | 0.0433     | 0.00199    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| m,p-Xylenes          | 179601-23-1 | 0.0700     | 0.00398    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| o-Xylene             | 95-47-6     | 0.0435     | 0.00199    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| Total Xylenes        | 1330-20-7   | 0.114      | 0.00199    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| Total BTEX           |             | 0.161      | 0.00199    |       | mg/kg  | 08.30.2020 06:09 |      | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 101        | %     | 70-130 | 08.30.2020 06:09 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 116        | %     | 70-130 | 08.30.2020 06:09 |      |     |

o-Terphenyl

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Environment Testir Xenco

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

Cole State #10

| Sample Id: <b>SWW3</b><br>Lab Sample Id: 671116-015   |   | Matrix:<br>Date Colle                 | Soil<br>ected: 08.26.2020 00:00   | )                                | Date Received:08.27.2020 11:40   |                               |             |
|---|---|---------------------------------------|-----------------------------------|----------------------------------|--|-------------------------------|-------------|
| Analytical Method: Chloride by EF<br>Tech: SPC  | PA 300  |                                       |                                   |                                  | Prep Method: E300<br>% Moisture:   | )P                            |             |
| Analyst: SPC  |   | Date Prep                             | 08.27.2020 17:50                  | )                                | Basis: Wet   | Weight                        |             |
| Seq Number: 3135788   |   |                                       |                                   |                                  |  |                               |             |
| Parameter   | Cas Number  | Result                                | RL                                | Units                            | Analysis Date  | Flag                          | Dil         |
| Chloride  | 16887-00-6  | 11.3                                  | 4.98                              | mg/kg                            | 08.28.2020 08:35   |                               | 1           |
| Analytical Method: TPH By SW80  | 015 Mod   |                                       |                                   |                                  | Prep Method: SW8   | 8015P                         |             |
| Analytical Method: TPH By SW80<br>Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950  | )15 Mod   | Date Prep                             | 08.28.2020 16:00                  | )                                | % Moisture:  | 3015P<br>Weight               |             |
| Tech: DVM<br>Analyst: ARM   | )15 Mod<br>Cas Number                                   | Date Prep<br>Result                   | 08.28.2020 16:00<br>RL            | )<br>Units                       | % Moisture:  |                               | Dil         |
| Tech:DVMAnalyst:ARMSeq Number:3135950   |   | -                                     |                                   |                                  | % Moisture:<br>Basis: Wet  | Weight                        | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number  | Result                                | RL                                | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)  | Cas Number<br>PHC610                                    | Result                                | <b>RL</b><br>50.0                 | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:33   | Weight<br>Flag<br>U           | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 <50.0             | <b>RL</b><br>50.0<br>50.0         | Units<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:33<br>08.29.2020 09:33   | Weight<br>Flag<br>U<br>U      | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.0 <50.0 <50.0 <50.0 | <b>RL</b><br>50.0<br>50.0<br>50.0 | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:33<br>08.29.2020 09:33<br>08.29.2020 09:33<br>08.29.2020 09:33 | Weight<br>Flag<br>U<br>U<br>U | 1<br>1<br>1 |

86

%

70-130

08.29.2020 09:33

84-15-1

o-Xylene

Total Xylenes

Surrogate

4-Bromofluorobenzene

1,4-Difluorobenzene

Total BTEX

.

Xenco

U

U

U

Flag

1

1

1

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08.29.2020 17:59

08.29.2020 17:59

08.29.2020 17:59

**Analysis Date** 

08.29.2020 17:59

08.29.2020 17:59

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

Cole State #10

| Sample Id:    | SWW3                 |             | Matrix:   | Soil                      |       | Date Received:08.2 | 27.2020 11 | :40 |
|---------------|----------------------|-------------|-----------|---------------------------|-------|--------------------|------------|-----|
| Lab Sample Id | d: 671116-015        |             | Date Co   | llected: 08.26.2020 00:00 |       |                    |            |     |
| Analytical Me | ethod: BTEX by EPA 8 | 8021B       |           |                           |       | Prep Method: SW:   | 5035A      |     |
| Tech:         | AMF                  |             |           |                           |       | % Moisture:        |            |     |
| Analyst:      | AMF                  |             | Date Pre  | ep: 08.29.2020 14:30      |       | Basis: Wet         | Weight     |     |
| Seq Number:   | 3135907              |             |           |                           |       |                    |            |     |
| Parameter     |                      | Cas Number  | Result    | RL                        | Units | Analysis Date      | Flag       | Dil |
| Benzene       |                      | 71-43-2     | < 0.00201 | 0.00201                   | mg/kg | 08.29.2020 17:59   | U          | 1   |
| Toluene       |                      | 108-88-3    | < 0.00201 | 0.00201                   | mg/kg | 08.29.2020 17:59   | U          | 1   |
| Ethylbenzene  |                      | 100-41-4    | < 0.00201 | 0.00201                   | mg/kg | 08.29.2020 17:59   | U          | 1   |
| m,p-Xylenes   |                      | 179601-23-1 | < 0.00402 | 0.00402                   | mg/kg | 08.29.2020 17:59   | U          | 1   |

0.00201

0.00201

0.00201

% Recovery

85

95

mg/kg

mg/kg

mg/kg

Limits

70-130

70-130

Units

%

%

< 0.00201

< 0.00201

< 0.00201

Cas Number

460-00-4

540-36-3

95-47-6

1330-20-7

.

Xenco

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

Cole State #10

| Sample Id:<br>Lab Sample Id:   | <b>NEW3</b><br>: 671116-016   |   | Matrix:<br>Date Co                                | Soil<br>Ilected: 08.26                            | .2020 00:00          |                                  | Date Received:08.2   | 7.2020 11                               | :40         |
|--|---|---|---|---|----------------------|----------------------------------|--|---|-------------|
| Analytical Meth  | hod: Chloride by EP   | PA 300  |   |   |                      |                                  | Prep Method: E300  | )P                                      |             |
| Tech:  | SPC   |   |   |   |                      |                                  | % Moisture:  |   |             |
| Analyst:   | SPC   |   | Date Pre  | ep: 08.27   | .2020 17:50          |                                  | Basis: Wet   | Weight                                  |             |
| Seq Number:  | 3135788   |   |   |   |                      |                                  |  | C                                       |             |
| Parameter  |   | Cas Number  | Result  | RL  |                      | Units                            | Analysis Date  | Flag                                    | Dil         |
| Chloride   |   | 16887-00-6  | 262   | 25.2  |                      | mg/kg                            | 08.28.2020 02:25   |   | 5           |
| -  | hod: TPH By SW80  | 15 Mod  |   |   |                      |                                  | Prep Method: SW8<br>% Moisture:  | 8015P                                   |             |
| Tech:<br>Analyst:  | hod: TPH By SW80<br>DVM<br>ARM<br>3135950                                       | 15 Mod  | Date Pre  | ер: 08.28   | .2020 16:00          |                                  | % Moisture:  | 8015P<br>Weight                         |             |
| Tech:<br>Analyst:<br>Seq Number:   | DVM<br>ARM  | 15 Mod<br>Cas Number                                    | Date Pre<br>Result                                | ep: 08.28<br>RL                                   | .2020 16:00          |                                  | % Moisture:  |   | Dil         |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter  | DVM<br>ARM  |   |   |   | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight                                  | <b>Dil</b>  |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H  | DVM<br>ARM<br>3135950<br>Iydrocarbons (GRO)                                     | Cas Number  | Result  | RL  | .2020 16:00          | Units                            | Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                          |             |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H<br>Diesel Range Orga                                     | DVM<br>ARM<br>3135950<br>Iydrocarbons (GRO)<br>anics (DRO)                      | Cas Number<br>PHC610                                    | Result<br><49.9                                   | <b>RL</b><br>49.9                                 | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:52   | Weight<br>Flag<br>U                     | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Jotor Oil Range Hy              | DVM<br>ARM<br>3135950<br>Iydrocarbons (GRO)<br>anics (DRO)                      | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <49.9 <49.9                         | <b>RL</b><br>49.9<br>49.9                         | .2020 16:00          | Units<br>mg/kg<br>mg/kg          | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 09:52           08.29.2020 09:52   | Weight<br>Flag<br>U<br>U                | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Aotor Oil Range Hy              | DVM<br>ARM<br>3135950<br>Iydrocarbons (GRO)<br>anics (DRO)                      | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 | <b>RL</b><br>49.9<br>49.9<br>49.9                 | .2020 16:00<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg | Moisture:           Basis:         Wet           Analysis Date           08.29.2020 09:52           08.29.2020 09:52           08.29.2020 09:52           08.29.2020 09:52           08.29.2020 09:52           08.29.2020 09:52 | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1 |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Jotor Oil Range Hy<br>Cotal TPH | DVM<br>ARM<br>3135950<br>Iydrocarbons (GRO)<br>anics (DRO)<br>vdrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 | <b>RL</b><br>49.9<br>49.9<br>49.9<br>49.9<br>49.9 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 09:52<br>08.29.2020 09:52<br>08.29.2020 09:52<br>08.29.2020 09:52<br>08.29.2020 09:52<br>Analysis Date  | Weight<br>Flag<br>U<br>U<br>U<br>U<br>U | 1<br>1<br>1 |

Environment Testir Xenco

#### **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id:           | NEW3                 |                              | Matrix:                | Soil                      |                | Date Received:08                         | .27.2020 11      | :40                            |
|----------------------|----------------------|------------------------------|------------------------|---------------------------|----------------|--|------------------|--------------------------------|
| Lab Sample I         | d: 671116-016        |                              | Date Col               | llected: 08.26.2020 00:00 |                |  |                  |                                |
| Analytical Me        | ethod: BTEX by EPA 8 | 021B                         |                        |                           |                | Prep Method: SV                          | V5035A           |                                |
| Tech:                | AMF                  |                              |                        |                           |                | % Moisture:                              |                  |                                |
| Analyst:             | AMF                  |                              | Date Pre               | p: 08.29.2020 14:30       |                | Basis: W                                 | et Weight        |                                |
| Seq Number:          | 3135907              |                              |                        |                           |                |  |                  |                                |
|                      |                      |                              |                        |                           |                |  |                  |                                |
| Parameter            |                      | Cas Number                   | Result                 | RL                        | Units          | Analysis Date                            | Flag             | Dil                            |
| Parameter<br>Benzene |                      | <b>Cas Number</b><br>71-43-2 | <b>Result</b> <0.00199 | <b>RL</b><br>0.00199      | Units<br>mg/kg | <b>Analysis Date</b><br>08.29.2020 18:20 | U                | <b>Dil</b>                     |
|                      |                      |                              |                        |                           |                | •  | U                | <b>Dil</b><br>1<br>1           |
| Benzene              |                      | 71-43-2                      | <0.00199               | 0.00199                   | mg/kg          | 08.29.2020 18:20                         | U<br>U<br>U      | <b>Dil</b><br>1<br>1<br>1      |
| Benzene<br>Toluene   |                      | 71-43-2<br>108-88-3          | <0.00199<br><0.00199   | 0.00199<br>0.00199        | mg/kg<br>mg/kg | 08.29.2020 18:20<br>08.29.2020 18:20     | U<br>U<br>U<br>U | <b>Dil</b><br>1<br>1<br>1<br>1 |

| Total Xylenes        | 1330-20-7 | < 0.00199            | 0.00199    |        | mg/kg            | 08.29.2020 18:20                     | U    |
|----------------------|-----------|----------------------|------------|--------|------------------|--------------------------------------|------|
| Total BTEX           |           | < 0.00199            | 0.00199    |        | mg/kg            | 08.29.2020 18:20                     | U    |
| Surrogate            |           | Cas Number           | % Recovery | Units  | Limits           | Analysis Date                        | Flag |
| 4-Bromofluorobenzene |           | 1 50 00 1            |            |        |                  |                                      |      |
| 4-Diomonuoroocnizene |           | 460-00-4             | 108        | %      | 70-130           | 08.29.2020 18:20                     |      |
| 1,4-Difluorobenzene  |           | 460-00-4<br>540-36-3 | 108<br>100 | %<br>% | 70-130<br>70-130 | 08.29.2020 18:20<br>08.29.2020 18:20 |      |

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Environment Testin Xenco

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

Cole State #10

| Sample Id: SEW1<br>Lab Sample Id: 671116-017   |   | Matrix:<br>Date Co                                | Soil<br>llected: 08.26             | .2020 00:00          |                                  | Date Received:08.2   | 7.2020 11                                  | :40         |
|--|---|---|------------------------------------|----------------------|----------------------------------|--|--|-------------|
| Analytical Method: Chloride by EF  | PA 300  | 2 4 6 6 6   |                                    |                      |                                  | Prep Method: E30   | 0P   |             |
| Tech: SPC  |   |   |                                    |                      |                                  | % Moisture:  |  |             |
| Analyst: SPC   |   | Date Pre  | ep: 08.27                          | .2020 17:50          |                                  | Basis: Wet   | Weight                                     |             |
| Seq Number: 3135788  |   |   |                                    |                      |                                  |  |  |             |
| Parameter  | Cas Number  | Result  | RL                                 |                      | Units                            | Analysis Date  | Flag                                       | Dil         |
| Chloride   | 16887-00-6  | 9.78  | 5.02                               |                      | mg/kg                            | 08.28.2020 02:30   |  | 1           |
| Analytical Method: TPH By SW80   | )15 Mod   |   |                                    |                      |                                  | Prep Method: SW8   | 8015P                                      |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   |   | Date Pre  | F.                                 | .2020 16:00          |                                  | % Moisture:<br>Basis: Wet  | Weight                                     |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950   | )15 Mod<br>Cas Number                                   | Date Pre<br>Result                                | p: 08.28<br>RL                     | .2020 16:00          | Units                            | % Moisture:  |  | Dil         |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter  |   |   | F.                                 | .2020 16:00          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                                     | <b>Dil</b>  |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number  | Result  | RL                                 | .2020 16:00          |                                  | Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                             |             |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610                                    | Result<br><49.9                                   | <b>RL</b><br>49.9                  | .2020 16:00          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 10:12   | Weight<br>Flag<br>U                        | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b><br><49.9<br><49.9                   | RL<br>49.9<br>49.9                 | .2020 16:00          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 10:12<br>08.29.2020 10:12   | Weight<br>Flag<br>U<br>U                   | 1           |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 | RL<br>49.9<br>49.9<br>49.9         | .2020 16:00<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 10:12<br>08.29.2020 10:12<br>08.29.2020 10:12<br>08.29.2020 10:12 | Weight<br>Flag<br>U<br>U<br>U              | 1<br>1<br>1 |
| Tech: DVM<br>Analyst: ARM<br>Seq Number: 3135950<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Fotal TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 | <b>RL</b> 49.9 49.9 49.9 49.9 49.9 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>08.29.2020 10:12<br>08.29.2020 10:12<br>08.29.2020 10:12<br>08.29.2020 10:12 | Weight<br>Flag<br>U<br>U<br>U<br>U<br>Flag | 1<br>1<br>1 |

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#### Environment Testir Xenco

# **Certificate of Analytical Results 671116**

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

Cole State #10

| Sample Id:<br>Lab Sample | <b>SEW1</b><br>Id: 671116-017 |            | Matrix:<br>Date Co | Soil<br>llected: 08.26.20 | 20 00:00 | Date Received:08.2          | 27.2020 11 | :40 |
|--------------------------|-------------------------------|------------|--------------------|---------------------------|----------|-----------------------------|------------|-----|
| Analytical M<br>Tech:    | lethod: BTEX by EI<br>AMF     | PA 8021B   |                    |                           |          | Prep Method: SW % Moisture: | 5035A      |     |
| Analyst:                 | AMF                           |            | Date Pre           | ep: 08.29.20              | 20 14:30 | Basis: We                   | t Weight   |     |
| Seq Number:              | 3135907                       |            |                    | 1                         |          |                             | -          |     |
| Parameter                |                               | Cas Number | Result             | RL                        | Units    | Analysis Date               | Flag       | Dil |
| Benzene                  |                               | 71-43-2    | < 0.00199          | 0.00199                   | mg/kg    | 08.29.2020 18:41            | U          | 1   |
| Toluene                  |                               | 108-88-3   | < 0.00199          | 0.00199                   | mg/kg    | 08.29.2020 18:41            | U          | 1   |
| Ethylbenzene             |                               | 100-41-4   | < 0.00199          | 0.00199                   | mø/kø    | 08.29.2020.18.41            | U          | 1   |

| 10  | nuono                | 100 00 0    | (01001))   | 0.001///   |       |        | 0012012020 10111 | 0    | - |  |
|-----|----------------------|-------------|------------|------------|-------|--------|------------------|------|---|--|
| Eth | nylbenzene           | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 18:41 | U    | 1 |  |
| m,j | p-Xylenes            | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 08.29.2020 18:41 | U    | 1 |  |
| o-2 | Xylene (             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 18:41 | U    | 1 |  |
| To  | tal Xylenes          | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 18:41 | U    | 1 |  |
| To  | tal BTEX             |             | < 0.00199  | 0.00199    |       | mg/kg  | 08.29.2020 18:41 | U    | 1 |  |
|     | Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |  |
|     | 1,4-Difluorobenzene  |             | 540-36-3   | 104        | %     | 70-130 | 08.29.2020 18:41 |      |   |  |
|     | 4-Bromofluorobenzene |             | 460-00-4   | 121        | %     | 70-130 | 08.29.2020 18:41 |      |   |  |

#### Environment Testing Xenco

- 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    |                  |                            |                                 |
|-----------------------------------|--------------------|------------------|----------------------------|---------------------------------|
| <b>RL</b> Reporting Limit         |                    |                  |                            |                                 |
| MDL Method Detection Limit        | SDL Sample De      | tection Limit    | LOD Limit of Detection     |                                 |
| PQL Practical Quantitation Limit  | MQL Method Qu      | antitation Limit | LOQ Limit of Quantitatio   | n                               |
| 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/Labo | ratory Control Sample Duplicate |
| MD/SD Method Duplicate/Samp       | le 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

## QC Summary 671116

eurofins Environment Testing Xenco

## Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:<br>Seq Number:<br>MB Sample Id:<br>Parameter<br>Chloride                 | <b>Chloride by EPA 30</b><br>3135777<br>7710321-1-BLK<br><b>MB</b><br><b>Result</b><br><5.00 | 0<br>Spike<br>Amount<br>250  |                        | Matrix:<br>nple Id:<br>LCS<br>%Rec<br>103       | Solid<br>7710321-1<br>LCSD<br>Result<br>250       | -BKS<br>LCSD<br>%Rec<br>100 | <b>Limits</b><br>90-110 |                  | ep Metho<br>Date Pro<br>O Sample<br>RPD<br>Limit<br>20       | ep: 08.2                     | 0P<br>27.2020<br>0321-1-BSD<br>Analysis<br>Date<br>08.27.2020 22:18 | Flag         |
|---|--|------------------------------|------------------------|---|---|-----------------------------|-------------------------|------------------|--|------------------------------|---|--------------|
| Analytical Method:<br>Seq Number:<br>MB Sample Id:<br>Parameter<br>Chloride                 | <b>Chloride by EPA 30</b><br>3135788<br>7710323-1-BLK<br><b>MB</b><br><b>Result</b><br><5.00 | 0<br>Spike<br>Amount<br>250  |                        | Matrix:<br>nple Id:<br>LCS<br>%Rec<br>100       | Solid<br>7710323-1<br>LCSD<br>Result<br>248       | -BKS<br>LCSD<br>%Rec<br>99  | <b>Limits</b><br>90-110 |                  | ep Metho<br>Date Pr<br>O Sample<br><b>RPD</b><br>Limit<br>20 | ep: 08.2                     | 0P<br>27.2020<br>0323-1-BSD<br>Analysis<br>Date<br>08.28.2020 01:11 | Flag         |
| Analytical Method:<br>Seq Number:<br>Parent Sample Id:<br>Parameter<br>Chloride             | <b>Chloride by EPA 30</b><br>3135777<br>671070-005<br><b>Parent</b><br><b>Result</b><br>5070 | 0<br>Spike<br>Amount<br>2490 |                        | Matrix:<br>nple Id:<br><b>MS</b><br>%Rec<br>107 | Soil<br>671070-00<br><b>MSD</b><br>Result<br>7740 | 95 S<br>MSD<br>%Rec<br>107  | <b>Limits</b><br>90-110 |                  | ep Metho<br>Date Pro<br>D Sample<br>RPD<br>Limit<br>20       | ep: 08.2                     | 0P<br>27.2020<br>070-005 SD<br>Analysis<br>Date<br>08.27.2020 22:33 | Flag         |
| Seq Number:<br>Parent Sample Id:<br><b>Parameter</b>  | <b>Chloride by EPA 30</b><br>3135777<br>671103-002<br><b>Parent</b>                          |                              | MS Sar                 | Matrix:<br>nple Id:                             | Soil<br>671103-00                                 | 02 S                        |                         | MSI              | -  | ep: 08.2<br>e Id: 671        | 0P<br>27.2020<br>103-002 SD   |              |
| Chloride  | <b>Result</b><br>8190  | Spike<br>Amount<br>2480      | MS<br>Result<br>10900  | MS<br>%Rec<br>109                               | MSD<br>Result<br>10900                            | <b>MSD</b><br>%Rec<br>109   | Limits<br>90-110        | <b>%RPD</b><br>0 | RPD<br>Limit<br>20   | Units<br>mg/kg               | <b>Analysis</b><br><b>Date</b><br>08.28.2020 11:23                  | Flag         |
| Chloride<br>Analytical Method:<br>Seq Number:<br>Parent Sample Id:<br>Parameter<br>Chloride | 8190   | Amount<br>2480               | <b>Result</b><br>10900 | <b>%Rec</b><br>109<br>Matrix:                   | Result<br>10900                                   | <b>%Rec</b><br>109          | 90-110<br>Limits        | 0<br>Pr          | Limit<br>20<br>rep Metho<br>Date Pr                          | mg/kg<br>od: E30<br>ep: 08.2 | <b>Date</b><br>08.28.2020 11:23                                     | Flag<br>Flag |

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

.

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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## QC Summary 671116

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# Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:       | TPH By S   | W8015 M      | lod             |               |             |                |              |        | Pı   | ep Metho     | od: SW    | 8015P            |      |
|--------------------------|------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:              | 3135950    |              |                 | ]             | Matrix:     | Solid          |              |        |      | Date Pr      | ep: 08.2  | 28.2020          |      |
| MB Sample Id:            | 7710460-1  | -BLK         |                 | LCS San       | ple Id:     | 7710460-1      | I-BKS        |        | LCS  | D Sample     | e Id: 771 | 0460-1-BSD       |      |
| Parameter                |            | MB<br>Result | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarb | oons (GRO) | < 50.0       | 1000            | 1100          | 110         | 1060           | 106          | 70-130 | 4    | 20           | mg/kg     | 08.29.2020 02:18 |      |
| Diesel Range Organics    | (DRO)      | <50.0        | 1000            | 1130          | 113         | 1110           | 111          | 70-130 | 2    | 20           | mg/kg     | 08.29.2020 02:18 |      |
| Surrogate                |            | MB<br>%Rec   | MB<br>Flag      |               | CS<br>Rec   | LCS<br>Flag    | LCSI<br>%Re  |        |      | mits         | Units     | Analysis<br>Date |      |
| 1-Chlorooctane           |            | 106          |                 | 12            | 21          |                | 118          |        | 70   | -130         | %         | 08.29.2020 02:18 |      |
| o-Terphenyl              |            | 119          |                 | 12            | 24          |                | 117          |        | 70   | -130         | %         | 08.29.2020 02:18 |      |

| Analytical Method: | TPH By SW8015 Mod |               |               | Prep Method: | SW8   | 015P             |      |
|--------------------|-------------------|---------------|---------------|--------------|-------|------------------|------|
| Seq Number:        | 3135950           | Matrix:       | Solid         | Date Prep:   | 08.28 | 8.2020           |      |
|                    |                   | MB Sample Id: | 7710460-1-BLK |              |       |                  |      |
| Parameter          |                   | MB<br>Result  |               | U            | Inits | Analysis<br>Date | Flag |
|                    |                   | Kesun         |               |              |       | Dute             |      |

| Analytical Method:       | TPH By S  | W8015 M          | lod             |              |            |               |             |        | P    | rep Meth     | od: SW    | 8015P            |      |
|--------------------------|-----------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:              | 3135950   |                  |                 |              | Matrix:    | Soil          |             |        |      | Date Pr      | ep: 08.2  | 28.2020          |      |
| Parent Sample Id:        | 671123-00 | 1                |                 | MS Sar       | nple Id:   | 671123-00     | 01 S        |        | MS   | D Sample     | e Id: 671 | 123-001 SD       |      |
| Parameter                |           | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarb | ons (GRO) | <49.9            | 997             | 884          | 89         | 901           | 90          | 70-130 | 2    | 20           | mg/kg     | 08.29.2020 03:17 |      |
| Diesel Range Organics    | (DRO)     | <49.9            | 997             | 965          | 97         | 980           | 98          | 70-130 | 2    | 20           | mg/kg     | 08.29.2020 03:17 |      |
| Surrogate                |           |                  |                 |              | 1S<br>Rec  | MS<br>Flag    | MSD<br>%Re  |        |      | imits        | Units     | Analysis<br>Date |      |
| 1-Chlorooctane           |           |                  |                 | 1            | 08         |               | 109         |        | 70   | -130         | %         | 08.29.2020 03:17 |      |
| o-Terphenyl              |           |                  |                 | 1            | 09         |               | 111         |        | 70   | -130         | %         | 08.29.2020 03:17 |      |

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>BTEX by EPA 8021</b><br>3135897<br>7710439-1-BLK | lB              |               | Matrix:<br>nple Id: | Solid<br>7710439-1 | I-BKS        |        |      | rep Meth<br>Date Pr<br>D Sample | ep: 08.2 | 5035A<br>28.2020<br>0439-1-BSD |      |
|---|---|-----------------|---------------|---------------------|--------------------|--------------|--------|------|---------------------------------|----------|--------------------------------|------|
| Parameter   | MB<br>Result  | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result     | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                    | Units    | Analysis<br>Date               | Flag |
| Benzene   | < 0.00200   | 0.100           | 0.0918        | 92                  | 0.0864             | 86           | 70-130 | 6    | 35                              | mg/kg    | 08.29.2020 03:01               |      |
| Toluene   | < 0.00200   | 0.100           | 0.0807        | 81                  | 0.0767             | 77           | 70-130 | 5    | 35                              | mg/kg    | 08.29.2020 03:01               |      |
| Ethylbenzene  | < 0.00200   | 0.100           | 0.0803        | 80                  | 0.0757             | 76           | 70-130 | 6    | 35                              | mg/kg    | 08.29.2020 03:01               |      |
| m,p-Xylenes   | < 0.00400   | 0.200           | 0.158         | 79                  | 0.149              | 75           | 70-130 | 6    | 35                              | mg/kg    | 08.29.2020 03:01               |      |
| o-Xylene  | < 0.00200   | 0.100           | 0.0822        | 82                  | 0.0778             | 78           | 70-130 | 6    | 35                              | mg/kg    | 08.29.2020 03:01               |      |
| Surrogate   | MB<br>%Rec  | MB<br>Flag      |               | •••                 | LCS<br>Flag        | LCSE<br>%Rec |        |      | imits                           | Units    | Analysis<br>Date               |      |
| 1,4-Difluorobenzene                                       | 99  |                 | 1             | 02                  |                    | 100          |        | 70   | -130                            | %        | 08.29.2020 03:01               |      |
| 4-Bromofluorobenzene                                      | 102   |                 | 1             | 02                  |                    | 99           |        | 70   | -130                            | %        | 08.29.2020 03:01               |      |

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

.

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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# QC Summary 671116

eurofins Environment Testing Xenco

## Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:   | BTEX by EPA 8021 | IB              |               |             |                |              |        | Р    | rep Meth     | od: SW    | 5035A            |      |
|----------------------|------------------|-----------------|---------------|-------------|----------------|--------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:          | 3135907          |                 |               | Matrix:     | Solid          |              |        |      | Date Pr      | ep: 08.2  | 29.2020          |      |
| MB Sample Id:        | 7710446-1-BLK    |                 | LCS San       | nple Id:    | 7710446-       | 1-BKS        |        | LCS  | D Sample     | e Id: 771 | 0446-1-BSD       |      |
| Parameter            | MB<br>Result     | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Benzene              | < 0.00200        | 0.100           | 0.102         | 102         | 0.100          | 100          | 70-130 | 2    | 35           | mg/kg     | 08.29.2020 15:01 |      |
| Toluene              | < 0.00200        | 0.100           | 0.0887        | 89          | 0.0920         | 92           | 70-130 | 4    | 35           | mg/kg     | 08.29.2020 15:01 |      |
| Ethylbenzene         | < 0.00200        | 0.100           | 0.0881        | 88          | 0.0951         | 95           | 70-130 | 8    | 35           | mg/kg     | 08.29.2020 15:01 |      |
| m,p-Xylenes          | < 0.00400        | 0.200           | 0.172         | 86          | 0.190          | 95           | 70-130 | 10   | 35           | mg/kg     | 08.29.2020 15:01 |      |
| o-Xylene             | < 0.00200        | 0.100           | 0.0862        | 86          | 0.0947         | 95           | 70-130 | 9    | 35           | mg/kg     | 08.29.2020 15:01 |      |
| Surrogate            | MB<br>%Rec       | MB<br>Flag      |               | CS<br>Rec   | LCS<br>Flag    | LCSI<br>%Re  |        |      | imits        | Units     | Analysis<br>Date |      |
| 1,4-Difluorobenzene  | 98               |                 | 1             | 02          |                | 100          | 1      | 70   | )-130        | %         | 08.29.2020 15:01 |      |
| 4-Bromofluorobenzene | 88               |                 | ç             | 96          |                | 109          |        | 70   | )-130        | %         | 08.29.2020 15:01 |      |

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>BTEX by EPA 8021</b><br>3135908<br>7710447-1-BLK | В               |               | Matrix:<br>nple Id: | Solid<br>7710447-1 | I-BKS        |        |      | rep Metho<br>Date Pro<br>D Sample | ep: 08.2 | 5035A<br>29.2020<br>0447-1-BSD |      |
|---|---|-----------------|---------------|---------------------|--------------------|--------------|--------|------|-----------------------------------|----------|--------------------------------|------|
| Parameter   | MB<br>Result  | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result     | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                      | Units    | Analysis<br>Date               | Flag |
| Benzene   | < 0.00200   | 0.100           | 0.0899        | 90                  | 0.0891             | 89           | 70-130 | 1    | 35                                | mg/kg    | 08.30.2020 02:24               |      |
| Toluene   | < 0.00200   | 0.100           | 0.0845        | 85                  | 0.0836             | 84           | 70-130 | 1    | 35                                | mg/kg    | 08.30.2020 02:24               |      |
| Ethylbenzene  | < 0.00200   | 0.100           | 0.0874        | 87                  | 0.0867             | 87           | 70-130 | 1    | 35                                | mg/kg    | 08.30.2020 02:24               |      |
| m,p-Xylenes   | < 0.00400   | 0.200           | 0.177         | 89                  | 0.177              | 89           | 70-130 | 0    | 35                                | mg/kg    | 08.30.2020 02:24               |      |
| o-Xylene  | < 0.00200   | 0.100           | 0.0913        | 91                  | 0.0915             | 92           | 70-130 | 0    | 35                                | mg/kg    | 08.30.2020 02:24               |      |
| Surrogate   | MB<br>%Rec  | MB<br>Flag      |               | CS<br>Rec           | LCS<br>Flag        | LCSD<br>%Rec |        |      | imits                             | Units    | Analysis<br>Date               |      |
| 1,4-Difluorobenzene                                       | 101   |                 | 1             | 00                  |                    | 99           |        | 70   | -130                              | %        | 08.30.2020 02:24               |      |
| 4-Bromofluorobenzene                                      | 101   |                 | 1             | 17                  |                    | 118          |        | 70   | -130                              | %        | 08.30.2020 02:24               |      |

| Analytical Method:   | BTEX by EPA 8021 | lB              |              |            |               |             |        | P    | rep Meth     | od: SW    | 5035A            |      |
|----------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:          | 3135897          |                 | ]            | Matrix:    | Soil          |             |        |      | Date Pr      | ep: 08.2  | 28.2020          |      |
| Parent Sample Id:    | 671116-006       |                 | MS San       | nple Id:   | 671116-00     | )6 S        |        | MS   | D Sample     | e Id: 671 | 116-006 SD       |      |
| Parameter            | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Benzene              | < 0.00198        | 0.0992          | 0.0625       | 63         | 0.0637        | 64          | 70-130 | 2    | 35           | mg/kg     | 08.29.2020 03:42 | Х    |
| Toluene              | < 0.00198        | 0.0992          | 0.0541       | 55         | 0.0545        | 55          | 70-130 | 1    | 35           | mg/kg     | 08.29.2020 03:42 | Х    |
| Ethylbenzene         | < 0.00198        | 0.0992          | 0.0493       | 50         | 0.0490        | 49          | 70-130 | 1    | 35           | mg/kg     | 08.29.2020 03:42 | Х    |
| m,p-Xylenes          | < 0.00397        | 0.198           | 0.0947       | 48         | 0.0876        | 44          | 70-130 | 8    | 35           | mg/kg     | 08.29.2020 03:42 | Х    |
| o-Xylene             | < 0.00198        | 0.0992          | 0.0528       | 53         | 0.0527        | 53          | 70-130 | 0    | 35           | mg/kg     | 08.29.2020 03:42 | Х    |
| Surrogate            |                  |                 |              | IS<br>Rec  | MS<br>Flag    | MSD<br>%Red |        |      | imits        | Units     | Analysis<br>Date |      |
| 1,4-Difluorobenzene  |                  |                 | 1            | 01         |               | 101         |        | 70   | -130         | %         | 08.29.2020 03:42 |      |
| 4-Bromofluorobenzene |                  |                 | 1            | 03         |               | 101         |        | 70   | -130         | %         | 08.29.2020 03:42 |      |

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

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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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# QC Summary 671116

eurofins Environment Testing Xenco

# Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:   | BTEX by EPA 8021 | BTEX by EPA 8021B |              |            |               |             | Prep Method: SW5035A |      |              |           |                  |      |
|----------------------|------------------|-------------------|--------------|------------|---------------|-------------|----------------------|------|--------------|-----------|------------------|------|
| Seq Number:          | 3135907          |                   | 1            | Matrix:    | Soil          |             |                      |      | Date Pr      | ep: 08.2  | 29.2020          |      |
| Parent Sample Id:    | 671095-004       |                   | MS San       | nple Id:   | 671095-00     | 04 S        |                      | MS   | D Sample     | e Id: 671 | 095-004 SD       |      |
| Parameter            | Parent<br>Result | Spike<br>Amount   | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec | Limits               | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Benzene              | < 0.00200        | 0.0998            | 0.0577       | 58         | 0.0603        | 61          | 70-130               | 4    | 35           | mg/kg     | 08.29.2020 15:43 | Х    |
| Toluene              | < 0.00200        | 0.0998            | 0.0514       | 52         | 0.0551        | 55          | 70-130               | 7    | 35           | mg/kg     | 08.29.2020 15:43 | Х    |
| Ethylbenzene         | < 0.00200        | 0.0998            | 0.0502       | 50         | 0.0551        | 55          | 70-130               | 9    | 35           | mg/kg     | 08.29.2020 15:43 | Х    |
| m,p-Xylenes          | < 0.00399        | 0.200             | 0.103        | 52         | 0.111         | 56          | 70-130               | 7    | 35           | mg/kg     | 08.29.2020 15:43 | Х    |
| o-Xylene             | < 0.00200        | 0.0998            | 0.0532       | 53         | 0.0576        | 58          | 70-130               | 8    | 35           | mg/kg     | 08.29.2020 15:43 | Х    |
| Surrogate            |                  |                   |              | IS<br>Rec  | MS<br>Flag    | MSD<br>%Re  |                      |      | imits        | Units     | Analysis<br>Date |      |
| 1,4-Difluorobenzene  |                  |                   | 1            | 00         |               | 102         |                      | 70   | -130         | %         | 08.29.2020 15:43 |      |
| 4-Bromofluorobenzene |                  |                   | 10           | 07         |               | 112         |                      | 70   | -130         | %         | 08.29.2020 15:43 |      |

| <b>Analytical Method:</b><br>Seq Number:<br>Parent Sample Id: | <b>BTEX by EPA 8021</b><br>3135908<br>671116-009 | B               |              | Matrix:<br>nple Id: | Soil<br>671116-00 | )9 S        |        |      | rep Metho<br>Date Pro<br>D Sample | ep: 08.2 | 5035A<br>29.2020<br>116-009 SD |      |
|---|--|-----------------|--------------|---------------------|-------------------|-------------|--------|------|-----------------------------------|----------|--------------------------------|------|
| Parameter   | Parent<br>Result                                 | Spike<br>Amount | MS<br>Result | MS<br>%Rec          | MSD<br>Result     | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit                      | Units    | Analysis<br>Date               | Flag |
| Benzene   | < 0.00198  | 0.0992          | 0.0768       | 77                  | 0.0729            | 73          | 70-130 | 5    | 35                                | mg/kg    | 08.30.2020 03:05               |      |
| Toluene   | < 0.00198  | 0.0992          | 0.0602       | 61                  | 0.0598            | 60          | 70-130 | 1    | 35                                | mg/kg    | 08.30.2020 03:05               | Х    |
| Ethylbenzene  | < 0.00198  | 0.0992          | 0.0419       | 42                  | 0.0448            | 45          | 70-130 | 7    | 35                                | mg/kg    | 08.30.2020 03:05               | Х    |
| m,p-Xylenes   | < 0.00397  | 0.198           | 0.0696       | 35                  | 0.0837            | 42          | 70-130 | 18   | 35                                | mg/kg    | 08.30.2020 03:05               | Х    |
| o-Xylene  | < 0.00198  | 0.0992          | 0.0528       | 53                  | 0.0541            | 54          | 70-130 | 2    | 35                                | mg/kg    | 08.30.2020 03:05               | Х    |
| Surrogate   |  |                 |              | IS<br>Rec           | MS<br>Flag        | MSD<br>%Re  |        |      | imits                             | Units    | Analysis<br>Date               |      |
| 1,4-Difluorobenzene   |  |                 | 1            | 05                  |                   | 102         |        | 70   | -130                              | %        | 08.30.2020 03:05               |      |
| 4-Bromofluorobenzene  |  |                 | 1            | 19                  |                   | 116         |        | 70   | -130                              | %        | 08.30.2020 03:05               |      |

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

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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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Revised Date 1014 19 Rev. 2019.1

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334

Chain of Custody

Work Order No: UN IIV

| Rejinquishen by (Signatu  | Total 200.7 / 6010 200.8 / 6020:<br>Circle Method(s) and Metal(s) to be analyzed<br>Notice: Signature of this document and relinquishment of samples com<br>of service. Xence will be lable only for the cost of samples and shall no<br>of service.   | SWW 3<br>NEW 3<br>JOEN J<br>JOEN J<br>SEW 1 | EL 14/204       | AMPLE RECEIPT<br>mperature (°C):<br>zeived infact:<br>ver Custody Seals:<br>nple Custody Seals:<br>Sample Identificatio                 | Project Number: (1)<br>Project Location (0)<br>Sampler's Name: 9)<br>PO #: | Project Name: Co(C   | ne:   | Project Manager: Joel I nwm   |
|---|--|---|-----------------|---|--|--|---|---|
| Be applied to each project and a charge any esponsibilit     P     Received by: (Signature)     Cardin Carn   | 200.8 / 6020:<br>BRCRA 13PPM<br>Metal(s) to be analyzed TCLP / SPLP (<br>drelinquishment of samples constitutes a valid purchase ord<br>the cost of samples and shall not assume   | Soil 8.25%                                  |                 | n Matrix Sampled Sampled  | Genty NM Ru<br>Genty NM Ru<br>Wel Ruminez Du                               | <u>n, NM, 88260</u><br>2378  <br>State #10                           | Etech Environmental & Safety<br>3100 Plains Highway |   |
| Interview of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Sence, but not analyzed. These terms will be enforced unless are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances beyond the control of the cleant is such to sease are due to circumstances. | Total 200.7 / 6010       200.8 / 6020:       BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe P         Circle Method(s) and Metal(s) to be analyzed       TCLP / SPLP 6010:       BRCRA Sb As Ba Be Cd Cr Co Cu Fe P         Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its atflitutes and entercomment of Yence. An instance and entercomment with the liable only for the cost of samples and shall not assessment of the cost of samples and shall not assessment. |   |                 | Under of Containers/Preser<br>ode   | ate:   | City, State ZIP:<br>Email: Email Results to PM@etechenv.com + Client | Bill to: (if different)<br>Company Name: Cr(/22/04  | Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334<br>Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296<br>Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900<br>Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701<br>Atlanta, GA (770) 449-8800 |
| If such losses are due to circumstances beyond the control<br>a terms will be enforced unless previously negotiated.<br>Relinquished by: (Signatture)   | a Cr Co Cu Fe Pb Mg Mn Mo Ni K Se<br>to Cu Pb Mn Mo Ni Se Ag Tl U  |   |                 |   | ANALYSIS REQUEST   | State of Project       Reporting:Level I       Deliverables: EDD     | Program: UST/PST                                    |   |
| signature)<br>Signature)<br>Signature)<br>Signature)  | e Ag SiO2 Na Sr TI Sn U V Zn<br>1631/245.1/7470 /7471 : Ha   |   | Sample Comments | HCL: HL<br>None: NO<br>NaOH: Na<br>MeOH: Me<br>Zn Acetate+ NaOH: Zn<br>TAT starts the day received by the<br>lab. if received by 4:30pm | <b>Pre</b>   | :<br>Level III - PST/UST TRR[ Level III ADaPT Cother                 | Work Order Comments                                 | Work Order No:  |

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Revised Date 101419 Rev. 2019.1

XmZQQ

Chain of Custody

Work Order No: UNIIIV

# **Eurofins Xenco, LLC**

# Prelogin/Nonconformance Report- Sample Log-In

| Client: Etech Environmental & Safety Solution, I        | Acceptable Temperature Range: 0 - 6 degC        |
|---|---|
| Date/ Time Received: 08.27.2020 11.40.00 AM             | Air and Metal samples Acceptable Range: Ambient |
| Work Order #: 671116                                    | Temperature Measuring device used : IR-8        |
| Sample Recei  | pt Checklist Comments                           |
| #1 *Temperature of cooler(s)?                           | .5  |
| #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?                           | Νο  |
| #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 BTEX was in bulk container                  |
| #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: But Tal Brianna Teel

Date: 08.27.2020

Checklist reviewed by: Jession Venner

Jessica Kramer

Date: 08.28.2020

🔅 eurofins **Environment Testing** Xenco

Diesel Range Organics (DRO)

Total TPH

Motor Oil Range Hydrocarbons (MRO)

# Certificate of Analysis Summary 672125

Etech Environmental & Safety Solution, Inc, Midland, TX

**Project Name: Cole State #10** 

**Project Id:** 11465 PM **Report Date:** 09.10.2020 11:19 **Contact:** Lea County, New Mexico Project Manager: Jessica Kramer **Project Location:** Lab Id: 672125-001 672125-002 672125-003 672125-004 672125-005 672125-006 Field Id: NWW1B SWW1B FL3 @5' FL4 @5' FL11 @5' FL12 @5' Analysis Requested Depth: 5- ft 5- ft 5- ft 5- ft Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Sampled: 09.09.2020 00:00 09.09.2020 00:00 09.09.2020 00:00 09.09.2020 00:00 09.09.2020 00:00 09.09.2020 00:00 TPH by SW8015 Mod 09.09.2020 14:10 09.09.2020 14:10 09.09.2020 14:10 09.09.2020 14:10 09.09.2020 14:10 09.09.2020 14:10 Extracted: Analyzed: 09.09.2020 14:35 09.09.2020 14:54 09.09.2020 15:14 09.09.2020 15:34 09.09.2020 15:54 09.09.2020 16:15 RL mg/kg RL mg/kg RL RL RL mg/kg Units/RL: mg/kg mg/kg mg/kg <49.9 49.9 <49.8 49.8 < 50.2 50.2 <49.8 <49.9 49.9 < 50.2 Gasoline Range Hydrocarbons (GRO) 49.8

<49.8

<49.8

<49.8

49.8

49.8

49.8

< 50.2

< 50.2 < 50.2 50.2

50.2

50.2

<49.8

<49.8

<49.8

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49.8

49.8

<49.9

<49.9

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49.9

49.9

49.9

BRL - Below Reporting Limit

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

**Final 1.000** 

RL

< 50.2

< 50.2

< 50.2

50.2

50.2

50.2

50.2

Date Received in Lab: Wed 09.09.2020 12:50

<49.9

<49.9

<49.9

49.9

49.9

eurofins Environment Testing Xenco

# Certificate of Analysis Summary 672125

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole State #10

 Project Id:
 11465
 Date Received in Lab:
 Wed 09.09.2020 12:50

 Contact:
 PM
 Report Date:
 09.10.2020 11:19

 Project Location:
 Lea County, New Mexico
 Project Manager:
 Jessica Kramer

 Image: County County

BRL - Below Reporting Limit

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

|                                    | Lab Id:    | 672125-00    | )7    |  |  |  |
|------------------------------------|------------|--------------|-------|--|--|--|
| Analysis Requested                 | Field Id:  | FL15 @5      | 5'    |  |  |  |
| Analysis Kequesieu                 | Depth:     | 5- ft        |       |  |  |  |
|                                    | Matrix:    | SOIL         |       |  |  |  |
|                                    | Sampled:   | 09.09.2020 0 | 00:00 |  |  |  |
| TPH by SW8015 Mod                  | Extracted: | 09.09.2020 1 | 4:10  |  |  |  |
|                                    | Analyzed:  | 09.09.2020 1 | 6:35  |  |  |  |
|                                    | Units/RL:  | mg/kg        | RL    |  |  |  |
| Gasoline Range Hydrocarbons (GRO)  |            | <50.0        | 50.0  |  |  |  |
| Diesel Range Organics (DRO)        |            | <50.0        | 50.0  |  |  |  |
| Motor Oil Range Hydrocarbons (MRO) |            | <50.0        | 50.0  |  |  |  |
| Total TPH                          |            | <50.0        | 50.0  |  |  |  |

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# **Analytical Report 672125**

# for

# **Etech Environmental & Safety Solution, Inc**

**Project Manager: PM** 

Cole State #10

11465

### 09.10.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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 (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins Environment Testing

09.10.2020

Project Manager: **PM Etech Environmental & Safety Solution, Inc** P.O. Box 62228 Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **672125 Cole State #10** Project Address: Lea County, New Mexico

**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) 672125. 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. 672125 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,

Jessica Vramer

Jessica Kramer Project Manager

A Small Business and Minority Company

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

eurofins Environment Testing Xenco

.

# Sample Cross Reference 672125

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

Cole State #10

| Sample Id | Matrix | Date Collected   | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| NWW1B     | S      | 09.09.2020 00:00 |              | 672125-001    |
| SWW1B     | S      | 09.09.2020 00:00 |              | 672125-002    |
| FL3 @5'   | S      | 09.09.2020 00:00 | 5 ft         | 672125-003    |
| FL4 @5'   | S      | 09.09.2020 00:00 | 5 ft         | 672125-004    |
| FL11 @5'  | S      | 09.09.2020 00:00 | 5 ft         | 672125-005    |
| FL12 @5'  | S      | 09.09.2020 00:00 | 5 ft         | 672125-006    |
| FL15 @5'  | S      | 09.09.2020 00:00 | 5 ft         | 672125-007    |

eurofins Environment Testing Xenco

# **CASE NARRATIVE**

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Cole State #10

Project ID: 11465 Work Order Number(s): 672125 Report Date: 09.10.2020 Date Received: 09.09.2020

## Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

o-Terphenyl

.

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

Cole State #10

| Sample Id: NWW1B   |   | Matrix:                                   | Soil                 | 1             |                         | Date Received:09   | 9.09.2020 12                    | :50                     |
|--|---|---|----------------------|---------------|-------------------------|--|---------------------------------|-------------------------|
| Lab Sample Id: 672125-001  |   | Date Co                                   | llected: 09.0        | 09.2020 00:00 |                         |  |                                 |                         |
| Analytical Method: TPH by SW801<br>Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136684                    | 5 Mod                                     | Date Pre                                  | ep: 09.0             | 09.2020 14:10 |                         | Prep Method: S <sup>°</sup><br>% Moisture:<br>Basis: W                       | W8015P<br>Vet Weight            |                         |
| Parameter  | Cas Number                                | Result                                    | ы                    |               | <b>- -</b> .            |  |                                 |                         |
| i urumeter   | Cas Mulliou                               | Ktsuit                                    | RL                   |               | Units                   | Analysis Date  | Flag                            | Dil                     |
| Gasoline Range Hydrocarbons (GRO)  | PHC610                                    | <49.9                                     | <b>KL</b><br>49.9    |               | Units<br>mg/kg          | Analysis Date<br>09.09.2020 14:33  |                                 | <b>Dil</b><br>1         |
|  |   |   |                      |               |                         |  | 5 U                             | <b>Dil</b><br>1<br>1    |
| Gasoline Range Hydrocarbons (GRO)  | PHC610                                    | <49.9                                     | 49.9                 |               | mg/kg                   | 09.09.2020 14:35   | 5 U<br>5 U                      | Dil<br>1<br>1<br>1      |
| Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | PHC610<br>C10C28DRO                       | <49.9<br><49.9                            | 49.9<br>49.9         |               | mg/kg<br>mg/kg          | 09.09.2020 14:35<br>09.09.2020 14:35   | 5 U<br>5 U<br>5 U               | Dil<br>1<br>1<br>1<br>1 |
| Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <49.9<br><49.9<br><49.9<br><49.9<br><49.9 | 49.9<br>49.9<br>49.9 | Units         | mg/kg<br>mg/kg<br>mg/kg | 09.09.2020 14:33<br>09.09.2020 14:33<br>09.09.2020 14:33<br>09.09.2020 14:33 | 5 U<br>5 U<br>5 U<br>5 U<br>5 U | 1<br>1<br>1<br>1        |

118

%

70-135

09.09.2020 14:35

84-15-1

o-Terphenyl

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# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: SWW1B   |   | Matrix:                          | Soil                 |              |                         | Date Received:09   | .09.2020 12           | :50  |
|--|---|----------------------------------|----------------------|--------------|-------------------------|--|-----------------------|--|
| Lab Sample Id: 672125-002  |   | Date Co                          | llected: 09.0        | 9.2020 00:00 |                         |  |                       |  |
| Analytical Method: TPH by SW801<br>Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136684                    | 5 Mod                                     | Date Pre                         | р: 09.0              | 9.2020 14:10 |                         | Prep Method: SV<br>% Moisture:<br>Basis: W                                   | V8015P<br>et Weight   |  |
| Parameter  |   | D14                              |                      |              |                         |  |                       |  |
| r al allietel  | Cas Number                                | Result                           | RL                   |              | Units                   | Analysis Date  | Flag                  | Dil  |
| Gasoline Range Hydrocarbons (GRO)  | PHC610                                    | <49.8                            | 49.8                 |              | Units<br>mg/kg          | Analysis Date 09.09.2020 14:54   | 0                     | <b>Dil</b><br>1                                  |
|  |   |                                  |                      |              |                         |  | U                     | <b>Dil</b> 1 1                                   |
| Gasoline Range Hydrocarbons (GRO)  | PHC610                                    | <49.8                            | 49.8                 |              | mg/kg                   | 09.09.2020 14:54   | U<br>U<br>U           | <b>Dil</b> 1 1 1 1 1                             |
| Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)                                       | PHC610<br>C10C28DRO                       | <49.8<br><49.8                   | 49.8<br>49.8         |              | mg/kg<br>mg/kg          | 09.09.2020 14:54<br>09.09.2020 14:54   | U<br>U<br>U<br>U      | <b>Dil</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO) | PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <49.8<br><49.8<br><49.8<br><49.8 | 49.8<br>49.8<br>49.8 | Units        | mg/kg<br>mg/kg<br>mg/kg | 09.09.2020 14:54<br>09.09.2020 14:54<br>09.09.2020 14:54<br>09.09.2020 14:54 | U<br>U<br>U<br>U<br>U | <b>Dil</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

122

%

70-135

09.09.2020 14:54

84-15-1

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#### Environment Testin Xenco

# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: <b>FL3 @5'</b><br>Lab Sample Id: 672125-003 | Matrix:<br>Date Coll | Soil<br>ected: 09.09.2020 00:00 |                    | Date Received:09.09.2020 12::<br>Sample Depth: 5 ft |                                |           |     |
|--|----------------------|---------------------------------|--------------------|---|--------------------------------|-----------|-----|
| Analytical Method: TPH by SW801<br>Tech: DTH           | 5 Mod                |                                 |                    |   | Prep Method: SW<br>% Moisture: | /8015P    |     |
| Analyst: DTH   |                      | Date Prep                       | : 09.09.2020 14:10 |   | Basis: We                      | et Weight |     |
| Seq Number: 3136684                                    |                      |                                 |                    |   |                                |           |     |
| Parameter  | Cas Number           | Result                          | RL                 | Units   | Analysis Date                  | Flag      | Dil |
| Gasoline Range Hydrocarbons (GRO)                      | PHC610               | <50.2                           | 50.2               | mg/kg   | 09.09.2020 15:14               | U         | 1   |
| Diesel Range Organics (DRO)                            | C10C28DRO            | <50.2                           | 50.2               | mg/kg   | 09.09.2020 15:14               | U         | 1   |

| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.                          | 2 50.2            |            | mg/kg            | 09.09.2020 15:14               | U    | 1 |
|------------------------------------|----------|-------------------------------|-------------------|------------|------------------|--------------------------------|------|---|
| Total TPH                          | PHC635   | <50.                          | 2 50.2            |            | mg/kg            | 09.09.2020 15:14               | U    | 1 |
|                                    |          |                               |                   |            |                  |                                |      |   |
| Surrogate                          |          | Cas Number                    | % Recovery        | Units      | Limits           | Analysis Date                  | Flag |   |
| Surrogate<br>1-Chlorooctane        |          | <b>Cas Number</b><br>111-85-3 | % Recovery<br>111 | Units<br>% | Limits<br>70-135 | Analysis Date 09.09.2020 15:14 | Flag |   |

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# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: <b>FL4 @5'</b><br>Lab Sample Id: 672125-004 | Matrix:<br>Date Coll | Soil<br>ected: 09.09.2020 00:00 |                    | :50   |                                |           |     |
|--|----------------------|---------------------------------|--------------------|-------|--------------------------------|-----------|-----|
| Analytical Method: TPH by SW801<br>Tech: DTH           | 5 Mod                |                                 |                    |       | Prep Method: SV<br>% Moisture: | V8015P    |     |
| Analyst: DTH   |                      | Date Prep                       | : 09.09.2020 14:10 |       | Basis: W                       | et Weight |     |
| Seq Number: 3136684                                    |                      |                                 |                    |       |                                |           |     |
| Parameter  | Cas Number           | Result                          | RL                 | Units | Analysis Date                  | Flag      | Dil |
| Gasoline Range Hydrocarbons (GRO)                      | PHC610               | <49.8                           | 49.8               | mg/kg | 09.09.2020 15:34               | U         | 1   |
| Diesel Range Organics (DRO)                            | C10C28DRO            | <49.8                           | 49.8               | mg/kg | 09.09.2020 15:34               | U         | 1   |

| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.       | 8 49.8     |       | mg/kg  | 09.09.2020 15:34 | U    | 1 |
|------------------------------------|----------|------------|------------|-------|--------|------------------|------|---|
| Total TPH                          | PHC635   | <49.       | 8 49.8     |       | mg/kg  | 09.09.2020 15:34 | U    | 1 |
| Surrogate                          |          | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |
| 1-Chlorooctane                     |          | 111-85-3   | 109        | %     | 70-135 | 09.09.2020 15:34 |      |   |
|                                    |          | 111 05 5   | 10)        | 70    | 10 155 | 0,10,12020 10101 |      |   |

Diesel Range Organics (DRO)

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# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: FL11 @5'<br>Lab Sample Id: 672125-005 |            | Matrix:<br>Date Colle | Soil<br>cted: 09.09.2020 00:0 | 0     | Date Received:09<br>Sample Depth: 5 |           | 2:50 |
|--|------------|-----------------------|-------------------------------|-------|-------------------------------------|-----------|------|
| Analytical Method: TPH by SW80<br>Tech: DTH      | 15 Mod     |                       |                               |       | Prep Method: SV<br>% Moisture:      | W8015P    |      |
| Analyst: DTH                                     |            | Date Prep:            | 09.09.2020 14:10              | 0     | Basis: W                            | et Weight |      |
| Seq Number: 3136684                              |            |                       |                               |       |                                     |           |      |
| Parameter  | Cas Number | Result                | RL                            | Units | Analysis Date                       | Flag      | Dil  |
| Gasoline Range Hydrocarbons (GRO)                | PHC610     | <49.9                 | 49.9                          | mg/kg | 09.09.2020 15:54                    | U         | 1    |

| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.9                  | 9 49.9                   |                       | mg/kg    | 09.09.2020 15:54                  | U    | 1 |
|------------------------------------|----------|------------------------|--------------------------|-----------------------|----------|-----------------------------------|------|---|
| Total TPH                          | PHC635   | <49.9                  | 9 49.9                   |                       | mg/kg    | 09.09.2020 15:54                  | U    | 1 |
|                                    |          |                        | 0/ D                     | <b>T</b> T <b>1</b> / | <b>.</b> |                                   | T.   |   |
| Surrogate                          |          | Cas Number             | % Recovery               | Units                 | Limits   | Analysis Date                     | Flag |   |
| Surrogate<br>1-Chlorooctane        |          | Cas Number<br>111-85-3 | % <b>Recovery</b><br>106 | %                     | 70-135   | Analysis Date<br>09.09.2020 15:54 | Flag |   |

49.9

<49.9

C10C28DRO

09.09.2020 15:54

mg/kg

U

1

#### Environment Testin Xenco

Motor Oil Range Hydrocarbons (MRO)

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# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: FL12 @5'<br>Lab Sample Id: 672125-006                   |            | Matrix:<br>Date Col | Soil<br>lected: 09.09.2020 00:00 | )     | Date Received:09<br>Sample Depth: 5 f       |                     | 2:50 |
|--|------------|---------------------|----------------------------------|-------|---|---------------------|------|
| Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3136684 | 15 Mod     | Date Prej           | p: 09.09.2020 14:10              | )     | Prep Method: SW<br>% Moisture:<br>Basis: Wo | V8015P<br>et Weight |      |
| Parameter  | Cas Number | Result              | RL                               | Units | Analysis Date                               | Flag                | Dil  |
| Gasoline Range Hydrocarbons (GRO)                                  | PHC610     | <50.2               | 50.2                             | mg/kg | 09.09.2020 16:15                            | U                   | 1    |
| Diesel Range Organics (DRO)  | C10C28DRO  | <50.2               | 50.2                             | mg/kg | 09.09.2020 16:15                            | U                   | 1    |

| Total TPH      | PHC635 | <50.2      | 2 50.2     |       | mg/kg  | 09.09.2020 16:15 | U    | 1 |
|----------------|--------|------------|------------|-------|--------|------------------|------|---|
| Surrogate      |        | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |
| 1-Chlorooctane |        | 111-85-3   | 110        | %     | 70-135 | 09.09.2020 16:15 |      |   |
| o-Terphenyl    |        | 84-15-1    | 113        | %     | 70-135 | 09.09.2020 16:15 |      |   |

50.2

< 50.2

PHCG2835

09.09.2020 16:15

mg/kg

U

1

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# **Certificate of Analytical Results 672125**

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

Cole State #10

| Sample Id: <b>FL15 @5'</b><br>Lab Sample Id: 672125-007 |            | Matrix:<br>Date Coll | Soil<br>ected: 09.09.2020 00:00 |       | Date Received:09.09.2020 12:50<br>Sample Depth: 5 ft |           |     |  |  |
|---|------------|----------------------|---------------------------------|-------|--|-----------|-----|--|--|
| Analytical Method: TPH by SW801<br>Tech: DTH            | 5 Mod      |                      |                                 |       | Prep Method: SV<br>% Moisture:                       | V8015P    |     |  |  |
| Analyst: DTH  |            | Date Prep            | 09.09.2020 14:10                |       | Basis: We  | et Weight |     |  |  |
| Seq Number: 3136684                                     |            |                      |                                 |       |  |           |     |  |  |
| Parameter   | Cas Number | Result               | RL                              | Units | Analysis Date  | Flag      | Dil |  |  |
| Gasoline Range Hydrocarbons (GRO)                       | PHC610     | <50.0                | 50.0                            | mg/kg | 09.09.2020 16:35                                     | U         | 1   |  |  |
| Diesel Range Organics (DRO)                             | C10C28DRO  | <50.0                | 50.0                            | mg/kg | 09.09.2020 16:35                                     | U         | 1   |  |  |

| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0      | ) 50.0      |       | mg/kg  | 09.09.2020 16:35 | U    | 1 |
|------------------------------------|----------|------------|-------------|-------|--------|------------------|------|---|
| Total TPH                          | PHC635   | <50.0      | ) 50.0      | mg/kg |        | 09.09.2020 16:35 | U    | 1 |
| Surrogate                          |          | Cas Number | % Recovery  | Units | Limits | Analysis Date    | Flag |   |
| Surrogate                          |          | Cas Number | 70 Recovery | Onus  | Linnts | marysis Date     | Ing  |   |
| 1-Chlorooctane                     |          | 111-85-3   | 110         | %     | 70-135 | 09.09.2020 16:35 | Thug |   |

#### Environment Testing Xenco

- 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 De        | tection Limit    | LOD Limit of Detection     |                                 |
| PQL Practical Quantitation Limit  | MQL Method Qu        | antitation Limit | LOQ Limit of Quantitation  | n                               |
| 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/Labo | ratory Control Sample Duplicate |
| MD/SD Method Duplicate/Samp       | ple Duplicate        | MS               | Matrix Spike               | MSD: Matrix Spike Duplicate     |
| + NELAC certification not offered | l for this compound. |                  |                            |                                 |

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

# QC Summary 672125

eurofins Environment Testing Xenco

# Etech Environmental & Safety Solution, Inc

Cole State #10

| Analytical Method:       | TPH by S   | W8015 M      | od              |               |             |                |              |        | Pi   | ep Metho     | od: SW    | 8015P            |      |
|--------------------------|------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|--------------|-----------|------------------|------|
| Seq Number:              | 3136684    |              |                 | ]             | Matrix:     | Solid          |              |        |      | Date Pr      | ep: 09.0  | 09.2020          |      |
| MB Sample Id:            | 7711004-1  | -BLK         |                 | LCS San       | nple Id:    | 7711004-       | 1-BKS        |        | LCS  | D Sample     | e Id: 771 | 1004-1-BSD       |      |
| Parameter                |            | MB<br>Result | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit | Units     | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarb | oons (GRO) | < 50.0       | 1000            | 898           | 90          | 860            | 86           | 70-135 | 4    | 35           | mg/kg     | 09.09.2020 10:12 |      |
| Diesel Range Organics    | (DRO)      | <50.0        | 1000            | 1010          | 101         | 973            | 97           | 70-135 | 4    | 35           | mg/kg     | 09.09.2020 10:12 |      |
| Surrogate                |            | MB<br>%Rec   | MB<br>Flag      |               | CS<br>Rec   | LCS<br>Flag    | LCSI<br>%Re  |        |      | mits         | Units     | Analysis<br>Date |      |
| 1-Chlorooctane           |            | 94           |                 | 1             | 22          |                | 115          |        | 70   | -135         | %         | 09.09.2020 10:12 |      |
| o-Terphenyl              |            | 101          |                 | 1             | 17          |                | 112          |        | 70   | -135         | %         | 09.09.2020 10:12 |      |

| Analytical Method:       | TPH by SW8015 Mod |               |               | Prep Method: | SW8   | 015P             |      |
|--------------------------|-------------------|---------------|---------------|--------------|-------|------------------|------|
| Seq Number:              | 3136684           | Matrix:       | Solid         | Date Prep:   | 09.09 | 9.2020           |      |
|                          |                   | MB Sample Id: | 7711004-1-BLK |              |       |                  |      |
| Parameter                |                   | MB<br>Result  |               | τ            | Jnits | Analysis<br>Date | Flag |
| Motor Oil Range Hydrocar | bons (MRO)        | <50.0         |               | m            | ng/kg | 09.09.2020 09:51 |      |

| Analytical Method:<br>Seq Number: | <b>TPH by SV</b><br>3136684 | V8015 M          | od              |              | Matrix:    | Soil          |             |        | Pı   | rep Meth<br>Date Pr | 041       | 8015P<br>)9.2020 |      |
|-----------------------------------|-----------------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------------------|-----------|------------------|------|
| Parent Sample Id:                 | 672074-00                   | 1                |                 | MS Sar       | nple Id:   | 672074-00     | 01 <b>S</b> |        | MS   | D Sample            | e Id: 672 | 074-001 SD       |      |
| Parameter                         |                             | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit        | Units     | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarb          | ons (GRO)                   | < 50.1           | 1000            | 899          | 90         | 897           | 90          | 70-135 | 0    | 35                  | mg/kg     | 09.09.2020 12:11 |      |
| Diesel Range Organics             | (DRO)                       | < 50.1           | 1000            | 1030         | 103        | 997           | 100         | 70-135 | 3    | 35                  | mg/kg     | 09.09.2020 12:11 |      |
| Surrogate                         |                             |                  |                 |              | IS<br>Rec  | MS<br>Flag    | MSD<br>%Re  |        |      | imits               | Units     | Analysis<br>Date |      |
| 1-Chlorooctane                    |                             |                  |                 | 1            | 31         |               | 127         |        | 70   | -135                | %         | 09.09.2020 12:11 |      |
| o-Terphenyl                       |                             |                  |                 | 1            | 27         |               | 133         |        | 70   | -135                | %         | 09.09.2020 12:11 |      |

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

.

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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XENCO

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334

Work Order No: 672125

Chain of Custody

# **Eurofins Xenco, LLC**

# Prelogin/Nonconformance Report- Sample Log-In

| Client: Etech Environmental & Safety Solution, I        | Acceptable Temperature R  | ange: 0 - 6 degC                     |
|---|---------------------------|--------------------------------------|
| Date/ Time Received: 09.09.2020 12.50.00 PM             | Air and Metal samples Acc | eptable Range: Ambient               |
| Work Order #: 672125                                    | Temperature Measuring de  | evice used : T_NM_007                |
| Sample Recei  | pt Checklist              | Comments                             |
| #1 *Temperature of cooler(s)?                           | 5                         |                                      |
| #2 *Shipping container in good condition?               | Yes                       |                                      |
| #3 *Samples received on ice?                            | Yes                       |                                      |
| #4 *Custody Seals intact on shipping container/ cooler? | Yes                       |                                      |
| #5 Custody Seals intact on sample bottles?              | Yes                       |                                      |
| #6*Custody Seals Signed and dated?                      | Yes                       |                                      |
| #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                       | Samples received in bulk containers. |
| #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)?                           | No                        |                                      |
| #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:

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PH Device/Lot#:

Checklist completed by:

Date: 09.09.2020

Checklist reviewed by: Jessica Kramer

Date: 09.10.2020

🛟 eurofins **Environment Testing** 

#### Xenco

# Certificate of Analysis Summary 672280

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole Stute #10

Project Id: 11465

**Contact:** 

PM Lea County, New Mexico **Project Location:** 

| Date Received in Lab: | Thu 09.10.2020 15:28 |
|-----------------------|----------------------|
|                       |                      |

**Report Date:** 09.11.2020 10:57

Project Manager: Jessica Kramer

|                                    |            |            | 1       |                  | 1       |                  |         |            |         |            | 1       |            |         |
|------------------------------------|------------|------------|---------|------------------|---------|------------------|---------|------------|---------|------------|---------|------------|---------|
|                                    | Lab Id:    | 672280-0   | 001     | 672280-0         | 02      | 672280-0         | 003     | 672280-    | 004     | 672280-0   | 005     | 672280-0   | 06      |
| Analysis Requested                 | Field Id:  | FL 16 @    | 5'      | FL 17 @          | 5'      | FL 18 @          | 5'      | FL 19 @    | 5'      | FL 20 @    | 5'      | SWW 4      |         |
| Analysis Requested                 | Depth:     | 5- ft      |         | 5- ft            |         | 5- ft            |         | 5- ft      |         | 5- ft      |         |            |         |
|                                    | Matrix:    | SOIL       |         | SOIL             |         | SOIL             | ,       | SOIL       |         | SOIL       |         | SOIL       |         |
|                                    | Sampled:   | 09.10.2020 | 00:00   | 09.10.2020       | 00:00   | 09.10.2020       | 00:00   | 09.10.2020 | 00:00   | 09.10.2020 | 00:00   | 09.10.2020 | 00:00   |
| BTEX by EPA 8021B                  | Extracted: | 09.10.2020 | 16:37   | 09.10.2020       | 16:37   | 09.10.2020       | 16:37   | 09.10.2020 | 16:37   | 09.10.2020 | 16:37   | 09.10.2020 | 16:37   |
|                                    | Analyzed:  | 09.11.2020 | 01:05   | 09.11.2020       | 01:27   | 09.11.2020       | 01:50   | 09.11.2020 | 02:12   | 09.11.2020 | 02:34   | 09.11.2020 | 02:57   |
|                                    | Units/RL:  | 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 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| Toluene                            |            | < 0.00202  | 0.00202 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| Ethylbenzene                       |            | < 0.00202  | 0.00202 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| m,p-Xylenes                        |            | < 0.00403  | 0.00403 | < 0.00398        | 0.00398 | < 0.00400        | 0.00400 | < 0.00402  | 0.00402 | < 0.00402  | 0.00402 | < 0.00402  | 0.00402 |
| o-Xylene                           |            | < 0.00202  | 0.00202 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| Total Xylenes                      |            | < 0.00202  | 0.00202 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| Total BTEX                         |            | < 0.00202  | 0.00202 | < 0.00199        | 0.00199 | < 0.00200        | 0.00200 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 | < 0.00201  | 0.00201 |
| Inorganic Anions by EPA 300        | Extracted: | 09.10.2020 | 16:54   | 09.10.2020       | 16:54   | 09.10.2020       | 16:54   | 09.10.2020 | 16:54   | 09.10.2020 | 16:54   | 09.10.2020 | 16:54   |
|                                    | Analyzed:  | 09.10.2020 | 17:17   | 09.10.2020       | 17:33   | 09.10.2020       | 17:38   | 09.10.2020 | 17:44   | 09.10.2020 | 17:49   | 09.10.2020 | 18:06   |
|                                    | Units/RL:  | mg/kg      | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg      | RL      | mg/kg      | RL      | mg/kg      | RL      |
| Chloride                           |            | 241        | 10.0    | 255              | 10.0    | 245              | 10.0    | 254        | 9.96    | 137        | 10.1    | 97.8       | 10.1    |
| TPH by SW8015 Mod                  | Extracted: | 09.10.2020 | 15:30   | 09.10.2020       | 15:30   | 09.10.2020       | 15:30   | 09.10.2020 | 15:30   | 09.10.2020 | 16:30   | 09.10.2020 | 16:30   |
|                                    | Analyzed:  | 09.10.2020 | 18:30   | 09.10.2020 18:50 |         | 09.10.2020 19:10 |         | 09.10.2020 | 19:31   | 09.10.2020 | 21:11   | 09.10.2020 | 22:11   |
|                                    | Units/RL:  | mg/kg      | RL      | mg/kg            | RL      | mg/kg            | RL      | mg/kg      | RL      | mg/kg      | RL      | mg/kg      | RL      |
| Gasoline Range Hydrocarbons (GRO)  |            | <50.2      | 50.2    | <49.8            | 49.8    | <50.1            | 50.1    | <50.3      | 50.3    | <50.0      | 50.0    | <50.0      | 50.0    |
| Diesel Range Organics (DRO)        |            | <50.2      | 50.2    | <49.8            | 49.8    | <50.1            | 50.1    | <50.3      | 50.3    | <50.0      | 50.0    | <50.0      | 50.0    |
| Motor Oil Range Hydrocarbons (MRO) |            | <50.2      | 50.2    | <49.8            | 49.8    | <50.1            | 50.1    | <50.3      | 50.3    | <50.0      | 50.0    | <50.0      | 50.0    |
| Total TPH                          |            | <50.2      | 50.2    | <49.8            | 49.8    | <50.1            | 50.1    | <50.3      | 50.3    | <50.0      | 50.0    | <50.0      | 50.0    |

BRL - Below Reporting Limit

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

Jession Vramer

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# Certificate of Analysis Summary 672280

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Cole Stute #10

 Project Id:
 11465

 Contact:
 PM

Project Location: Lea County, New Mexico

 Date Received in Lab:
 Thu 09.10.2020 15:28

 Report Date:
 09.11.2020 10:57

Project Manager: Jessica Kramer

|                                    | Lab Id:    | 672280-007       |  |  |  |
|------------------------------------|------------|------------------|--|--|--|
| Analysis Requested                 | Field Id:  | NEW 4            |  |  |  |
| Analysis Kequestea                 | Depth:     |                  |  |  |  |
|                                    | Matrix:    | SOIL             |  |  |  |
|                                    | Sampled:   | 09.10.2020 00:00 |  |  |  |
| BTEX by EPA 8021B                  | Extracted: | 09.10.2020 16:37 |  |  |  |
|                                    | Analyzed:  | 09.11.2020 03:19 |  |  |  |
|                                    | Units/RL:  | mg/kg RL         |  |  |  |
| Benzene                            |            | <0.00200 0.00200 |  |  |  |
| Toluene                            |            | <0.00200 0.00200 |  |  |  |
| Ethylbenzene                       |            | <0.00200 0.00200 |  |  |  |
| m,p-Xylenes                        |            | <0.00400 0.00400 |  |  |  |
| o-Xylene                           |            | <0.00200 0.00200 |  |  |  |
| Total Xylenes                      |            | <0.00200 0.00200 |  |  |  |
| Total BTEX                         |            | <0.00200 0.00200 |  |  |  |
| Inorganic Anions by EPA 300        | Extracted: | 09.10.2020 16:54 |  |  |  |
|                                    | Analyzed:  | 09.10.2020 18:11 |  |  |  |
|                                    | Units/RL:  | mg/kg RL         |  |  |  |
| Chloride                           |            | 10.1 10.1        |  |  |  |
| TPH by SW8015 Mod                  | Extracted: | 09.10.2020 16:30 |  |  |  |
|                                    | Analyzed:  | 09.10.2020 22:32 |  |  |  |
|                                    | Units/RL:  | mg/kg RL         |  |  |  |
| Gasoline Range Hydrocarbons (GRO)  |            | <50.3 50.3       |  |  |  |
| Diesel Range Organics (DRO)        |            | <50.3 50.3       |  |  |  |
| Motor Oil Range Hydrocarbons (MRO) |            | <50.3 50.3       |  |  |  |
| Total TPH                          |            | <50.3 50.3       |  |  |  |

BRL - Below Reporting Limit

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

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# Analytical Report 672280

# for

# **Etech Environmental & Safety Solution, Inc**

**Project Manager: PM** 

Cole Stute #10

11465

## 09.11.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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 (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483) eurofins Environment Testing

09.11.2020

Project Manager: **PM Etech Environmental & Safety Solution, Inc** P.O. Box 62228 Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **672280 Cole Stute #10** Project Address: Lea County, New Mexico

**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) 672280. 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. 672280 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,

Jessica Vramer

Jessica Kramer Project Manager

A Small Business and Minority Company

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

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# Sample Cross Reference 672280

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

Cole Stute #10

| Sample Id  | Matrix | Date Collected   | Sample Depth | Lab Sample Id |
|------------|--------|------------------|--------------|---------------|
| FL 16 @ 5' | S      | 09.10.2020 00:00 | 5 ft         | 672280-001    |
| FL 17 @ 5' | S      | 09.10.2020 00:00 | 5 ft         | 672280-002    |
| FL 18 @ 5' | S      | 09.10.2020 00:00 | 5 ft         | 672280-003    |
| FL 19 @ 5' | S      | 09.10.2020 00:00 | 5 ft         | 672280-004    |
| FL 20 @ 5' | S      | 09.10.2020 00:00 | 5 ft         | 672280-005    |
| SWW 4      | S      | 09.10.2020 00:00 |              | 672280-006    |
| NEW 4      | S      | 09.10.2020 00:00 |              | 672280-007    |

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# **CASE NARRATIVE**

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Cole Stute #10

Project ID: 11465 Work Order Number(s): 672280 Report Date: 09.11.2020 Date Received: 09.10.2020

## Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

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

Cole Stute #10

| Sample Id:         FL 16 @ 5'           Lab Sample Id:         672280-001  |  | Matrix:<br>Date Col                               | Soil<br>lected: 09.10                      | .2020 00:00          |                                  | Date Received:09.1<br>Sample Depth: 5 ft   | 0.2020 15                                  | :28         |
|--|--|---|--|----------------------|----------------------------------|--|--|-------------|
| Analytical Method: Inorganic   | Anions by EPA 300  |   |  |                      |                                  | Prep Method: E30   | 0P   |             |
| Tech: MAB  |  |   |  |                      |                                  | % Moisture:  |  |             |
| Analyst: MAB   |  | Date Prep   | p: 09.10                                   | .2020 16:54          |                                  | Basis: Wet   | Weight                                     |             |
| Seq Number: 3136852  |  |   |  |                      |                                  |  |  |             |
| Parameter  | Cas Number   | Result  | RL   |                      | Units                            | Analysis Date  | Flag                                       | Dil         |
| Chloride   | 16887-00-6   | 241   | 10.0                                       |                      | mg/kg                            | 09.10.2020 17:17   |  | 1           |
| Analytical Method: TPH by S  | W8015 Mod  |   |  |                      |                                  | Prep Method: SW8   | 8015P                                      |             |
| Analytical Method: TPH by S<br>Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854  | W8015 Mod  | Date Prep   | p: 09.10                                   | .2020 15:30          |                                  | % Moisture:  | 8015P<br>Weight                            |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854   | W8015 Mod<br>Cas Number  | Date Prej<br>Result                               | p: 09.10<br><b>RL</b>                      | .2020 15:30          | Units                            | % Moisture:  |  | Dil         |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter  | Cas Number   |   | F -  | .2020 15:30          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                                     | <b>Dil</b>  |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>arameter<br>Gasoline Range Hydrocarbons (GR  | Cas Number   | Result  | RL   | .2020 15:30          |                                  | <ul> <li>Moisture:</li> <li>Basis: Wet</li> <li>Analysis Date</li> </ul>   | Weight<br>Flag                             |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GR<br>Diesel Range Organics (DRO)  | Cas Number<br>O) PHC610  | Result  | RL<br>50.2                                 | .2020 15:30          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:30   | Weight<br>Flag<br>U                        | 1           |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Farameter<br>Gasoline Range Hydrocarbons (GR<br>Diesel Range Organics (DRO)<br>Iotor Oil Range Hydrocarbons (MRO)              | Cas Number<br>O) PHC610<br>C10C28DRO   | <b>Result</b> <50.2 <50.2                         | RL<br>50.2<br>50.2                         | .2020 15:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:30<br>09.10.2020 18:30   | Weight<br>Flag<br>U<br>U                   | 1           |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Farameter<br>Gasoline Range Hydrocarbons (GR<br>Diesel Range Organics (DRO)<br>Iotor Oil Range Hydrocarbons (MRO)              | Cas Number           O)         PHC610           C10C28DRO           PHCG2835           PHC635 | <b>Result</b> <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 | RL<br>50.2<br>50.2<br>50.2                 | .2020 15:30<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:30<br>09.10.2020 18:30<br>09.10.2020 18:30<br>09.10.2020 18:30 | Weight<br>Flag<br>U<br>U<br>U              | 1<br>1<br>1 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GR<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Yotal TPH | Cas Number           O)         PHC610           C10C28DRO           PHCG2835           PHC635 | <b>Result</b> <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 | RL<br>50.2<br>50.2<br>50.2<br>50.2<br>50.2 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>09.10.2020 18:30<br>09.10.2020 18:30<br>09.10.2020 18:30<br>09.10.2020 18:30                  | Weight<br>Flag<br>U<br>U<br>U<br>U<br>Flag | 1<br>1<br>1 |

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

Cole Stute #10

| Sample Id:         FL 16 @ 5'           Lab Sample Id:         672280-001 |            | Matrix:<br>Date Collecte | Soil<br>d: 09.10.2020 00:00 | Date Receiv<br>Sample Dep  | ed:09.10.2020 15<br>th: 5 ft | :28 |
|---|------------|--------------------------|-----------------------------|----------------------------|------------------------------|-----|
| Analytical Method: BTEX by E<br>Tech: MAB                                 | PA 8021B   |                          |                             | Prep Method<br>% Moisture: | l: SW5035A                   |     |
| Analyst: MAB  |            | Date Prep:               | 09.10.2020 16:37            | Basis:                     | Wet Weight                   |     |
| Seq Number: 3136847   |            | Ĩ                        |                             |                            | -                            |     |
| Parameter   | Cas Number | Result RI                | ے<br>ل                      | nits Analysis I            | Date Flag                    | Dil |

|                      | Cas Numbe   | i Ktsuit   | KL         |       | Units  | Analysis Date    | riag | Dii |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00403  | 0.00403    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| Total BTEX           |             | < 0.00202  | 0.00202    |       | mg/kg  | 09.11.2020 01:05 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 89         | %     | 70-130 | 09.11.2020 01:05 |      |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 99         | %     | 70-130 | 09.11.2020 01:05 |      |     |

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

Cole Stute #10

| Sample Id: FL 17 @ 5'<br>Lab Sample Id: 672280-002   |   | Matrix:<br>Date Coll                       | Soil<br>ected: 09.10               | .2020 00:00          |                                  | Date Received:09.10<br>Sample Depth: 5 ft  | 0.2020 15                               | :28         |
|--|---|--|------------------------------------|----------------------|----------------------------------|--|---|-------------|
| Analytical Method: Inorganic Anio  | ons by EPA 300  |  |                                    |                      |                                  | Prep Method: E300  | )P                                      |             |
| Tech: MAB  |   |  |                                    |                      |                                  | % Moisture:  |   |             |
| Analyst: MAB   |   | Date Prep                                  | o: 09.10                           | .2020 16:54          |                                  | Basis: Wet   | Weight                                  |             |
| Seq Number: 3136852  |   |  |                                    |                      |                                  |  |   |             |
| Parameter  | Cas Number  | Result                                     | RL                                 |                      | Units                            | Analysis Date  | Flag                                    | Dil         |
| Chloride   | 16887-00-6  | 255  | 10.0                               |                      | mg/kg                            | 09.10.2020 17:33   |   | 1           |
| Analytical Method: TPH by SW80   | 15 Mod  |  |                                    |                      |                                  | Prep Method: SW8   | 8015P                                   |             |
| Analytical Method: TPH by SW80<br>Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854   | 15 Mod  | Date Prep                                  | o: 09.10                           | .2020 15:30          |                                  | % Moisture:  | 8015P<br>Weight                         |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854   | 15 Mod<br>Cas Number                                    | Date Prep<br><b>Result</b>                 | o: 09.10<br><b>RL</b>              | .2020 15:30          | Units                            | % Moisture:  |   | Dil         |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter  |   | -  |                                    | .2020 15:30          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                                  | <b>Dil</b>  |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number  | Result                                     | RL                                 | .2020 15:30          |                                  | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                          |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610                                    | <b>Result</b> <49.8                        | <b>RL</b><br>49.8                  | .2020 15:30          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:50   | Weight<br>Flag<br>U                     | 1           |
| Tech: DTH<br>Analyst: DTH  | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <49.8 <49.8                  | <b>RL</b> 49.8 49.8                | .2020 15:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:50<br>09.10.2020 18:50   | Weight<br>Flag<br>U<br>U                | 1           |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br><49.8<br><49.8<br><49.8 | <b>RL</b><br>49.8<br>49.8<br>49.8  | .2020 15:30<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:50<br>09.10.2020 18:50<br>09.10.2020 18:50<br>09.10.2020 18:50 | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Total TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result<br><49.8<br><49.8<br><49.8<br><49.8 | <b>RL</b> 49.8 49.8 49.8 49.8 49.8 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 18:50<br>09.10.2020 18:50<br>09.10.2020 18:50<br>09.10.2020 18:50 | Weight<br>Flag<br>U<br>U<br>U<br>U<br>U | 1<br>1<br>1 |

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### **Certificate of Analytical Results 672280**

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

Cole Stute #10

| 1             | <b>FL 17 @ 5'</b><br>d: 672280-002 |            | Matrix:<br>Date Collecte | Soil<br>d: 09.10.2020 00:00 |       | Date Received<br>Sample Depth |       | 2020 15: | 28  |
|---------------|------------------------------------|------------|--------------------------|-----------------------------|-------|-------------------------------|-------|----------|-----|
| Analytical Mo | ethod: BTEX by EPA 80              | 21B        |                          |                             |       | Prep Method:                  | SW50  | 35A      |     |
| Tech:         | MAB                                |            |                          |                             |       | % Moisture:                   |       |          |     |
| Analyst:      | MAB                                |            | Date Prep:               | 09.10.2020 16:37            |       | Basis:                        | Wet W | /eight   |     |
| Seq Number:   | 3136847                            |            |                          |                             |       |                               |       |          |     |
| Parameter     |                                    | Cas Number | Result RI                |                             | Units | Analysis D                    | ate   | Flag     | Dil |

| Parameter            | Cas Numbe   | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00398  | 0.00398    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| Total BTEX           |             | < 0.00199  | 0.00199    |       | mg/kg  | 09.11.2020 01:27 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 101        | %     | 70-130 | 09.11.2020 01:27 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 91         | %     | 70-130 | 09.11.2020 01:27 |      |     |

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

Cole Stute #10

| Sample Id: <b>FL 18 @ 5'</b><br>Lab Sample Id: 672280-003  |   | Matrix:<br>Date Co                          | Soil<br>ollected: 09.10                           | .2020 00:00          |                                  | Date Received:09.1<br>Sample Depth: 5 ft   | 0.2020 15                                  | :28         |
|--|---|---|---|----------------------|----------------------------------|--|--|-------------|
| Analytical Method: Inorganic Anic  | ons by EPA 300  |   |   |                      |                                  | Prep Method: E300  | OP   |             |
| Tech: MAB  | -   |   |   |                      |                                  | % Moisture:  |  |             |
| Analyst: MAB   |   | Date Pro                                    | ep: 09.10   | .2020 16:54          |                                  | Basis: Wet   | Weight                                     |             |
| Seq Number: 3136852  |   |   |   |                      |                                  |  | C  |             |
| Parameter  | Cas Number  | Result                                      | RL  |                      | Units                            | Analysis Date  | Flag                                       | Dil         |
| Chloride   | 16887-00-6  | 245   | 10.0  |                      | mg/kg                            | 09.10.2020 17:38   |  | 1           |
| Analytical Method: TPH by SW80<br>Tech: DTH  | 15 Mod  |   |   |                      |                                  | Prep Method: SW8<br>% Moisture:  | 3015P                                      |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854   |   | Date Pro                                    | ep: 09.10   | .2020 15:30          |                                  | % Moisture:  | 3015P<br>Weight                            |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854   | 15 Mod<br>Cas Number                                    | Date Pro<br>Result                          | ep: 09.10<br><b>RL</b>                            | .2020 15:30          | Units                            | % Moisture:  |  | Dil         |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter  |   |   |   | .2020 15:30          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet  | Weight                                     | <b>Dil</b>  |
| Tech: DTH<br>Analyst: DTH  | Cas Number  | Result                                      | RL  | .2020 15:30          |                                  | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                             |             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610                                    | Result <50.1                                | RL<br>50.1  | .2020 15:30          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:10   | Weight<br>Flag<br>U                        | 1           |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.1 <50.1                   | RL<br>50.1<br>50.1                                | .2020 15:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:10<br>09.10.2020 19:10   | Weight<br>Flag<br>U<br>U                   | 1           |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.1 <50.1 <50.1 <50.1 <50.1 | RL<br>50.1<br>50.1<br>50.1                        | .2020 15:30<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:10<br>09.10.2020 19:10<br>09.10.2020 19:10<br>09.10.2020 19:10                     | Weight<br>Flag<br>U<br>U<br>U              | 1<br>1<br>1 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136854<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Yotal TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.1 <50.1 <50.1 <50.1 <50.1 | <b>RL</b><br>50.1<br>50.1<br>50.1<br>50.1<br>50.1 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:10<br>09.10.2020 19:10<br>09.10.2020 19:10<br>09.10.2020 19:10<br>09.10.2020 19:10 | Weight<br>Flag<br>U<br>U<br>U<br>U<br>Flag | 1<br>1<br>1 |

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

Cole Stute #10

| Sample Id:    | FL 18 @ 5'           |            | Matrix:        | Soil               | Date Receive     | d:09.10.2020 15 | :28 |
|---------------|----------------------|------------|----------------|--------------------|------------------|-----------------|-----|
| Lab Sample Id | 1: 672280-003        |            | Date Collected | 1:09.10.2020 00:00 | Sample Dept      | h: 5 ft         |     |
| Analytical Me | thod: BTEX by EPA 80 | 21B        |                |                    | Prep Method      | : SW5035A       |     |
| Tech:         | MAB                  |            |                |                    | % Moisture:      |                 |     |
| Analyst:      | MAB                  |            | Date Prep:     | 09.10.2020 16:37   | Basis:           | Wet Weight      |     |
| Seq Number:   | 3136847              |            |                |                    |                  |                 |     |
| Parameter     |                      | Cas Number | Result RI      |                    | Units Analysis I | )əta Flan       | Dil |

| Parameter            | Cas Number  | r Kesult   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00400  | 0.00400    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| Total BTEX           |             | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 01:50 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 101        | %     | 70-130 | 09.11.2020 01:50 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 94         | %     | 70-130 | 09.11.2020 01:50 |      |     |

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

Cole Stute #10

| Sample Id:<br>Lab Sample Id  | FL 19 @ 5'<br>1: 672280-004   |   | Matrix:<br>Date Co                    | Soil<br>ollected: 09.10                    | 2020 00.00           |                                  | Date Received:09.1<br>Sample Depth: 5 ft  | 0.2020 15                               | .20         |
|--|---|---|---------------------------------------|--|----------------------|----------------------------------|---|---|-------------|
|  |   | $h_{\rm M} = ED \Lambda 200$                            | Dute Co                               | inceted: 09.10                             | .2020 00.00          |                                  | Prep Method: E300   | 0 <b>D</b>                              |             |
| Tech:  | ethod: Inorganic Anio<br>MAB  | DIS DY EPA 500  |                                       |  |                      |                                  | % Moisture:   | OP                                      |             |
|  | MAB   |   |                                       | 00.10                                      | 2020 16 54           |                                  |   | <b>XX7 * 1</b> /                        |             |
| Analyst:   |   |   | Date Pr                               | ep: 09.10                                  | .2020 16:54          |                                  | Basis: Wet  | Weight                                  |             |
| Seq Number:  | 3136852   |   |                                       |  |                      |                                  |   |   |             |
| Parameter  |   | Cas Number  | Result                                | RL   |                      | Units                            | Analysis Date   | Flag                                    | Dil         |
| Chloride   |   | 16887-00-6  | 254                                   | 9.96                                       |                      | mg/kg                            | 09.10.2020 17:44  |   | 1           |
| -  | thod: TPH by SW80   | 15 Mod  |                                       |  |                      |                                  | Prep Method: SW8  | 3015P                                   |             |
| Tech:<br>Analyst:<br>Seq Number:   | ethod: TPH by SW80<br>DTH<br>DTH<br>3136854                                       |   | Date Pr                               |  | .2020 15:30          |                                  | % Moisture:   | Weight                                  |             |
| Tech:<br>Analyst:<br>Seq Number:   | DTH<br>DTH  | 15 Mod<br>Cas Number                                    | Date Pro<br><b>Result</b>             | ep: 09.10<br>RL                            | .2020 15:30          | Units                            | % Moisture:   |   | Dil         |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter  | DTH<br>DTH  |   |                                       |  | .2020 15:30          | Units<br>mg/kg                   | % Moisture:<br>Basis: Wet   | Weight                                  | <b>Dil</b>  |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range F<br>Diesel Range Org                                    | DTH<br>DTH<br>3136854<br>Hydrocarbons (GRO)<br>ganics (DRO)                       | Cas Number  | Result                                | RL   | .2020 15:30          |                                  | <ul> <li>Moisture:</li> <li>Basis: Wet</li> <li>Analysis Date</li> </ul>  | Weight<br>Flag                          |             |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range F<br>Diesel Range Org                                    | DTH<br>DTH<br>3136854<br>Hydrocarbons (GRO)                                       | Cas Number<br>PHC610                                    | Result                                | RL<br>50.3                                 | .2020 15:30          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:31  | Weight<br>Flag<br>U                     | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H<br>Diesel Range Org<br>Motor Oil Range Hy              | DTH<br>DTH<br>3136854<br>Hydrocarbons (GRO)<br>ganics (DRO)                       | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.3 <50.3             | RL<br>50.3<br>50.3                         | .2020 15:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:31<br>09.10.2020 19:31  | Weight<br>Flag<br>U<br>U                | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range F<br>Diesel Range Org                                    | DTH<br>DTH<br>3136854<br>Hydrocarbons (GRO)<br>ganics (DRO)                       | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.3 <50.3 <50.3 <50.3 | RL<br>50.3<br>50.3<br>50.3                 | .2020 15:30<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:31<br>09.10.2020 19:31<br>09.10.2020 19:31<br>09.10.2020 19:31                                      | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1 |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H<br>Diesel Range Org<br>Motor Oil Range Hy<br>Fotal TPH | DTH<br>DTH<br>3136854<br>Hydrocarbons (GRO)<br>ganics (DRO)<br>lydrocarbons (MRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.3 <50.3 <50.3 <50.3 | RL<br>50.3<br>50.3<br>50.3<br>50.3<br>50.3 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 19:31<br>09.10.2020 19:31<br>09.10.2020 19:31<br>09.10.2020 19:31<br>09.10.2020 19:31<br>Analysis Date | Weight<br>Flag<br>U<br>U<br>U<br>U<br>U | 1<br>1<br>1 |

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

Cole Stute #10

| 1           | <b>FL 19 @ 5'</b><br>d: 672280-004 |            | Matrix:<br>Date Collecte | Soil<br>1: 09.10.2020 00:00 |       | Date Received<br>Sample Depth |       | .2020 15: | 28  |
|-------------|------------------------------------|------------|--------------------------|-----------------------------|-------|-------------------------------|-------|-----------|-----|
| 5           | ethod: BTEX by EPA 80              | 21B        |                          |                             |       | Prep Method:                  | SW50  | )35A      |     |
| Tech:       | MAB                                |            |                          |                             |       | % Moisture:                   |       |           |     |
| Analyst:    | MAB                                |            | Date Prep:               | 09.10.2020 16:37            |       | Basis:                        | Wet V | Weight    |     |
| Seq Number: | 3136847                            |            |                          |                             |       |                               |       |           |     |
| Parameter   |                                    | Cas Number | Result RI                |                             | Units | Analysis D                    | ate   | Flao      | Dil |

| Parameter            | Cas Number  | r Result   | RL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00402  | 0.00402    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| Total BTEX           |             | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:12 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 100        | %     | 70-130 | 09.11.2020 02:12 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 93         | %     | 70-130 | 09.11.2020 02:12 |      |     |

o-Terphenyl

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

Cole Stute #10

| Sample Id:<br>Lab Sample Id   | FL 20 @ 5'<br>l: 672280-005                                 |   | Matrix:<br>Date Col                         | Soil<br>llected: 09.10     | .2020 00:00          |                         | Date Received:09.1<br>Sample Depth: 5 ft   | 0.2020 15:                    | .20         |
|---|---|---|---|----------------------------|----------------------|-------------------------|--|-------------------------------|-------------|
| Analytical Met  | thod: Inorganic Anio  | ns by EPA 300   |   |                            |                      |                         | Prep Method: E300  | 0P                            |             |
| Tech:   | MAB   |   |   |                            |                      |                         | % Moisture:  |                               |             |
| Analyst:  | MAB   |   | Date Pre                                    | p: 09.10                   | .2020 16:54          |                         | Basis: Wet   | Weight                        |             |
| Seq Number:   | 3136852   |   |   |                            |                      |                         |  |                               |             |
| Parameter   |   | Cas Number  | Result                                      | RL                         |                      | Units                   | Analysis Date  | Flag                          | Dil         |
| Chloride  |   | 16887-00-6  | 137   | 10.1                       |                      | mg/kg                   | 09.10.2020 17:49   |                               | 1           |
| Analytical Met  | thod: TPH by SW801  | 15 Mod  |   |                            |                      |                         | Prep Method: SW8   | 8015P                         |             |
| Analytical Met<br>Tech:<br>Analyst:<br>Seq Number:  | DTH<br>DTH  | 15 Mod  | Date Pre                                    | p: 09.10                   | .2020 16:30          |                         | % Moisture:  | 8015P<br>Weight               |             |
| Tech:<br>Analyst:   | DTH<br>DTH  | 15 Mod<br>Cas Number                                    | Date Pre<br>Result                          | p: 09.10<br><b>RL</b>      | .2020 16:30          | Units                   | % Moisture:  |                               | Dil         |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter   | DTH<br>DTH  |   |   | P.                         | .2020 16:30          | Units<br>mg/kg          | % Moisture:<br>Basis: Wet  | Weight                        | <b>Dil</b>  |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H   | DTH<br>DTH<br>3136858<br>Hydrocarbons (GRO)                 | Cas Number  | Result                                      | RL                         | .2020 16:30          |                         | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                |             |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range F<br>Diesel Range Org                       | DTH<br>DTH<br>3136858<br>Hydrocarbons (GRO)                 | Cas Number<br>PHC610                                    | Result                                      | RL 50.0                    | .2020 16:30          | mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 21:11   | Weight<br>Flag<br>U           | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range H<br>Diesel Range Org<br>Motor Oil Range Hy | DTH<br>DTH<br>3136858<br>Hydrocarbons (GRO)<br>ganics (DRO) | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.0 <50.0                   | RL<br>50.0<br>50.0         | .2020 16:30          | mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 21:11<br>09.10.2020 21:11   | Weight<br>Flag<br>U<br>U      | 1           |
| Tech:<br>Analyst:<br>Seq Number:<br>Parameter<br>Gasoline Range F<br>Diesel Range Org                       | DTH<br>DTH<br>3136858<br>Hydrocarbons (GRO)<br>ganics (DRO) | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.0 <50.0 <50.0 <50.0 <50.0 | RL<br>50.0<br>50.0<br>50.0 | .2020 16:30<br>Units | mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 21:11<br>09.10.2020 21:11<br>09.10.2020 21:11<br>09.10.2020 21:11 | Weight<br>Flag<br>U<br>U<br>U | 1<br>1<br>1 |

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09.10.2020 21:11

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

Cole Stute #10

| Sample Id:       | FL 20 @ 5'          |            | Matrix:        | Soil               |       | Date Received | :09.10.20 | )20 15:2 | .8  |
|------------------|---------------------|------------|----------------|--------------------|-------|---------------|-----------|----------|-----|
| Lab Sample Id: 6 | 672280-005          |            | Date Collected | 1:09.10.2020 00:00 |       | Sample Depth  | :5 ft     |          |     |
| Analytical Metho | od: BTEX by EPA 802 | 1B         |                |                    |       | Prep Method:  | SW503     | 5A       |     |
| Tech: M          | /IAB                |            |                |                    |       | % Moisture:   |           |          |     |
| Analyst: N       | /IAB                |            | Date Prep:     | 09.10.2020 16:37   |       | Basis:        | Wet We    | ight     |     |
| Seq Number: 3    | 136847              |            |                |                    |       |               |           |          |     |
| Parameter        |                     | Cas Number | Result RI      |                    | Units | Analysis Da   | nte F     | ไลฮ      | Dil |

| Parameter            | Cas Numbe   | r Kesun    | KL         |       | Units  | Analysis Date    | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene              | 71-43-2     | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| Toluene              | 108-88-3    | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| Ethylbenzene         | 100-41-4    | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| m,p-Xylenes          | 179601-23-1 | < 0.00402  | 0.00402    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| o-Xylene             | 95-47-6     | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| Total Xylenes        | 1330-20-7   | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| Total BTEX           |             | < 0.00201  | 0.00201    |       | mg/kg  | 09.11.2020 02:34 | U    | 1   |
| Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |     |
| 1,4-Difluorobenzene  |             | 540-36-3   | 102        | %     | 70-130 | 09.11.2020 02:34 |      |     |
| 4-Bromofluorobenzene |             | 460-00-4   | 92         | %     | 70-130 | 09.11.2020 02:34 |      |     |

### **Certificate of Analytical Results 672280**

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

Cole Stute #10

| Sample Id:<br>Lab Sample Id:  | <b>SWW 4</b><br>672280-006  |  | Matrix:<br>Date Co                          | Soil<br>ollected: 09.10                    | .2020 00:00          |   | Date Received:09.1   | 0.2020 15                               | :28         |
|---|---|--|---|--|----------------------|---|--|---|-------------|
| Analytical Meth   | hod: Inorganic Anio   | ons by EPA 300   |   |  |                      |   | Prep Method: E300  | OP                                      |             |
| -   | MAB   | -  |   |  |                      |   | % Moisture:  |   |             |
| Analyst:  | MAB   |  | Date Pro                                    | ep: 09.10                                  | .2020 16:54          |   | Basis: Wet   | Weight                                  |             |
| Seq Number:   | 3136852   |  | 200011                                      | -P.  |                      |   |  | U                                       |             |
| Parameter   |   | Cas Number   | Result                                      | RL   |                      | Units                                     | Analysis Date  | Flag                                    | Dil         |
| Chloride  |   | 16887-00-6   | 97.8  | 10.1                                       |                      | mg/kg                                     | 09.10.2020 18:06   |   | 1           |
| -   | hod: TPH by SW80  | 15 Mod   |   |  |                      |   | Prep Method: SW8<br>% Moisture:  | 3015P                                   |             |
| Tech:   | 2   | 15 Mod   | Date Pro                                    | ep: 09.10                                  | .2020 16:30          |   | % Moisture:  | 8015P<br>Weight                         |             |
| Tech: I<br>Analyst: I<br>Seq Number: 3  | DTH<br>DTH  | 15 Mod<br>Cas Number   | Date Pro<br>Result                          | ep: 09.10<br><b>RL</b>                     | .2020 16:30          | Units                                     | % Moisture:  |   | Dil         |
| Tech: I<br>Analyst: I<br>Seq Number: 3<br>Parameter   | DTH<br>DTH  |  |   |  | .2020 16:30          |   | % Moisture:<br>Basis: Wet  | Weight                                  | <b>Dil</b>  |
| Tech: I<br>Analyst: I<br>Seq Number: S<br>Parameter<br>Gasoline Range Hy  | DTH<br>DTH<br>3136858<br>ydrocarbons (GRO)                                    | Cas Number   | Result                                      | RL   | .2020 16:30          | Units                                     | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                          |             |
| Tech: I<br>Analyst: I<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga                                     | DTH<br>DTH<br>3136858<br>ydrocarbons (GRO)<br>anics (DRO)                     | Cas Number<br>PHC610   | Result <50.0                                | RL<br>50.0                                 | .2020 16:30          | Units<br>mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:11   | Weight<br>Flag<br>U                     | 1           |
| Tech: I<br>Analyst: I<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Motor Oil Range Hyd              | DTH<br>DTH<br>3136858<br>ydrocarbons (GRO)<br>anics (DRO)                     | Cas Number<br>PHC610<br>C10C28DRO                              | <b>Result</b> <50.0 <50.0                   | RL<br>50.0<br>50.0                         | .2020 16:30          | Units<br>mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:11<br>09.10.2020 22:11   | Weight<br>Flag<br>U<br>U                | 1           |
| Tech: I<br>Analyst: I<br>Seq Number: A<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Motor Oil Range Hyd              | DTH<br>DTH<br>3136858<br>ydrocarbons (GRO)<br>anics (DRO)                     | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635        | <b>Result</b> <50.0 <50.0 <50.0 <50.0 <50.0 | RL<br>50.0<br>50.0<br>50.0                 | .2020 16:30<br>Units | Units<br>mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:11<br>09.10.2020 22:11<br>09.10.2020 22:11                     | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1 |
| Tech: I<br>Analyst: I<br>Seq Number: C<br>Parameter<br>Gasoline Range Hy<br>Diesel Range Orga<br>Motor Oil Range Hyd<br>Fotal TPH | DTH<br>DTH<br>3136858<br>ydrocarbons (GRO)<br>anics (DRO)<br>drocarbons (MRO) | <b>Cas Number</b><br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | <b>Result</b> <50.0 <50.0 <50.0 <50.0 <50.0 | RL<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0 |                      | Units<br>mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:11<br>09.10.2020 22:11<br>09.10.2020 22:11<br>09.10.2020 22:11 | Weight<br>Flag<br>U<br>U<br>U<br>U<br>U | 1<br>1<br>1 |

m,p-Xylenes

Total Xylenes

Surrogate

4-Bromofluorobenzene

1,4-Difluorobenzene

Total BTEX

o-Xylene

Xenco

1

1

1

1

U

U

U

U

Flag

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

Cole Stute #10

mg/kg

mg/kg

mg/kg

mg/kg

Limits

70-130

70-130

Units

%

%

09.11.2020 02:57

09.11.2020 02:57

09.11.2020 02:57

09.11.2020 02:57

**Analysis Date** 

09.11.2020 02:57

09.11.2020 02:57

| Sample Id:   | SWW 4                |            | Matrix:   | Soil                      |       | Date Received:09.10.2020 15:28 |          |     |  |
|--------------|----------------------|------------|-----------|---------------------------|-------|--------------------------------|----------|-----|--|
| Lab Sample I | d: 672280-006        |            | Date Co   | llected: 09.10.2020 00:00 | )     |                                |          |     |  |
| Analytical M | ethod: BTEX by EPA 8 | 021B       |           |                           |       | Prep Method: SW                | 5035A    |     |  |
| Tech:        | MAB                  |            |           |                           |       | % Moisture:                    |          |     |  |
| Analyst:     | MAB                  |            | Date Pre  | ep: 09.10.2020 16:37      |       | Basis: Wet                     | t Weight |     |  |
| Seq Number:  | 3136847              |            |           |                           |       |                                |          |     |  |
| Parameter    |                      | Cas Number | Result    | RL                        | Units | Analysis Date                  | Flag     | Dil |  |
| Benzene      |                      | 71-43-2    | < 0.00201 | 0.00201                   | mg/kg | 09.11.2020 02:57               | U        | 1   |  |
| Toluene      |                      | 108-88-3   | < 0.00201 | 0.00201                   | mg/kg | 09.11.2020 02:57               | U        | 1   |  |
| Ethylbenzene |                      | 100-41-4   | < 0.00201 | 0.00201                   | mg/kg | 09.11.2020 02:57               | U        | 1   |  |

0.00402

0.00201

0.00201

0.00201

% Recovery

83

101

< 0.00402

< 0.00201

< 0.00201

< 0.00201

**Cas Number** 

460-00-4

540-36-3

179601-23-1

95-47-6

1330-20-7

| Page | 18 | of | 26 |
|------|----|----|----|
|------|----|----|----|

### **Certificate of Analytical Results 672280**

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

Cole Stute #10

| Sample Id:         NEW 4           Lab Sample Id:         672280-007   |   | Matrix:SoilDate Received:09.10.2020 15Date Collected:09.10.2020 00:00 |  |                      |                                  |  |   |                 |
|--|---|---|--|----------------------|----------------------------------|--|---|-----------------|
| Analytical Method: Inorganic Anio<br>Tech: MAB   | ons by EPA 300  |   |  |                      |                                  | Prep Method: E300<br>% Moisture:   | )P                                      |                 |
| Analyst: MAB   |   | Data Dra  |  | .2020 16:54          |                                  |  | Weight                                  |                 |
| Seq Number: 3136852  |   | Date Pre  | ep: 09.10                                  | .2020 10.54          |                                  | Dasis. Wet   | weight                                  |                 |
| Parameter  | Cas Number  | Result  | RL   |                      | Units                            | Analysis Date  | Flag                                    | Dil             |
| Chloride   | 16887-00-6  | 10.1  | 10.1                                       |                      | mg/kg                            | 09.10.2020 18:11   |   | 1               |
| Analytical Method: TPH by SW80   | 15 Mod  |   |  |                      |                                  | Prep Method: SW8   | 3015P                                   |                 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858   |   | Date Pre  | •  | .2020 16:30          |                                  | % Moisture:<br>Basis: Wet  | Weight                                  |                 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter  | Cas Number  | Result  | RL   | .2020 16:30          | Units                            | % Moisture:<br>Basis: Wet<br>Analysis Date   | Weight<br>Flag                          | Dil             |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)   | Cas Number<br>PHC610                                    | Result  | RL 50.3                                    | .2020 16:30          | mg/kg                            | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32   | Weight<br>Flag<br>U                     | <b>Dil</b><br>1 |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)  | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.3 <50.3   | RL<br>50.3<br>50.3                         | .2020 16:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32<br>09.10.2020 22:32   | Weight<br>Flag<br>U<br>U                | 1               |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835           | <b>Result</b> <50.3 <50.3 <50.3 <50.3                                 | RL<br>50.3<br>50.3<br>50.3                 | .2020 16:30          | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32<br>09.10.2020 22:32<br>09.10.2020 22:32                     | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1     |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO                       | <b>Result</b> <50.3 <50.3   | RL<br>50.3<br>50.3                         | .2020 16:30          | mg/kg<br>mg/kg                   | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32<br>09.10.2020 22:32   | Weight<br>Flag<br>U<br>U                | 1               |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)              | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.3  | RL<br>50.3<br>50.3<br>50.3                 | .2020 16:30<br>Units | mg/kg<br>mg/kg<br>mg/kg          | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32<br>09.10.2020 22:32<br>09.10.2020 22:32                     | Weight<br>Flag<br>U<br>U<br>U           | 1<br>1<br>1     |
| Tech: DTH<br>Analyst: DTH<br>Seq Number: 3136858<br>Parameter<br>Gasoline Range Hydrocarbons (GRO)<br>Diesel Range Organics (DRO)<br>Motor Oil Range Hydrocarbons (MRO)<br>Fotal TPH | Cas Number<br>PHC610<br>C10C28DRO<br>PHCG2835<br>PHC635 | Result           <50.3  | RL<br>50.3<br>50.3<br>50.3<br>50.3<br>50.3 |                      | mg/kg<br>mg/kg<br>mg/kg<br>mg/kg | % Moisture:<br>Basis: Wet<br>Analysis Date<br>09.10.2020 22:32<br>09.10.2020 22:32<br>09.10.2020 22:32<br>09.10.2020 22:32 | Weight<br>Flag<br>U<br>U<br>U<br>U<br>U | 1<br>1<br>1     |

Environment Testin Xenco

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

Cole Stute #10

| Sample Id:   | NEW 4               |            | Matrix:   | Soil                   |       | Date Received:09.10.2020 15:28 |          |     |  |  |
|--------------|---------------------|------------|-----------|------------------------|-------|--------------------------------|----------|-----|--|--|
| Lab Sample   | Id: 672280-007      |            | Date Co   | llected: 09.10.2020 00 | :00   |                                |          |     |  |  |
| Analytical M | Iethod: BTEX by EPA | A 8021B    |           |                        |       | Prep Method: SW                | /5035A   |     |  |  |
| Tech:        | MAB                 |            |           |                        |       | % Moisture:                    |          |     |  |  |
| Analyst:     | MAB                 |            | Date Pre  | ep: 09.10.2020 16      | :37   | Basis: We                      | t Weight |     |  |  |
| Seq Number   | : 3136847           |            |           | -                      |       |                                |          |     |  |  |
| Parameter    |                     | Cas Number | Result    | RL                     | Units | Analysis Date                  | Flag     | Dil |  |  |
| Benzene      |                     | 71-43-2    | < 0.00200 | 0.00200                | mg/kg | 09.11.2020 03:19               | U        | 1   |  |  |
| Toluene      |                     | 108-88-3   | < 0.00200 | 0.00200                | mg/kg | 09.11.2020 03:19               | U        | 1   |  |  |
| Ethylbenzene |                     | 100-41-4   | < 0.00200 | 0.00200                | mg/kg | 09.11.2020 03:19               | U        | 1   |  |  |

|     |                      |             |            | 0.00-00    |       | 8      |                  | -    | - |  |
|-----|----------------------|-------------|------------|------------|-------|--------|------------------|------|---|--|
| Eth | nylbenzene           | 100-41-4    | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 03:19 | U    | 1 |  |
| m,  | p-Xylenes            | 179601-23-1 | < 0.00400  | 0.00400    |       | mg/kg  | 09.11.2020 03:19 | U    | 1 |  |
| 0-2 | Xylene               | 95-47-6     | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 03:19 | U    | 1 |  |
| То  | tal Xylenes          | 1330-20-7   | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 03:19 | U    | 1 |  |
| То  | tal BTEX             |             | < 0.00200  | 0.00200    |       | mg/kg  | 09.11.2020 03:19 | U    | 1 |  |
|     | Surrogate            |             | Cas Number | % Recovery | Units | Limits | Analysis Date    | Flag |   |  |
|     | 1,4-Difluorobenzene  |             | 540-36-3   | 101        | %     | 70-130 | 09.11.2020 03:19 |      |   |  |
|     | 4-Bromofluorobenzene |             | 460-00-4   | 89         | %     | 70-130 | 09.11.2020 03:19 |      |   |  |

#### Environment Testing Xenco

- 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 De        | tection Limit    |                            |                                 |  |  |  |  |
| PQL Practical Quantitation Limit            | MQL Method Qu        | antitation Limit | LOQ Limit of Quantitatio   | n                               |  |  |  |  |
| 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/Labo | ratory Control Sample Duplicate |  |  |  |  |
| MD/SD Method Duplicate/Samp                 | ole Duplicate        | MS               | Matrix Spike               | MSD: Matrix Spike Duplicate     |  |  |  |  |
| + NELAC certification not offered           | l for this compound. |                  |                            |                                 |  |  |  |  |

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

### Received by OCD: 9/29/2020 9:06:02 AM

Xenco

**Environment Testing** 

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**QC Summary** 672280

### **Etech Environmental & Safety Solution, Inc**

Cole Stute #10

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>Inorganic Anio</b><br>3136852<br>7711097-1-BLK | ·             | EPA 300         | LCS Sar       | Matrix:<br>nple Id: | Solid<br>7711097-1 | I-BKS        |        |      | rep Metho<br>Date Pre<br>D Sample | ep: 09.1 | 0P<br>10.2020<br>1097-1-BSD |      |
|---|---|---------------|-----------------|---------------|---------------------|--------------------|--------------|--------|------|-----------------------------------|----------|-----------------------------|------|
| Parameter   |   | MB<br>sult    | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result     | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                      | Units    | Analysis<br>Date            | Flag |
| Chloride  | <   | 10.0          | 250             | 254           | 102                 | 254                | 102          | 90-110 | 0    | 20                                | mg/kg    | 09.10.2020 17:06            |      |
|   | <b>T</b>  |               | EDA 200         |               |                     |                    |              |        | D    |                                   | 1 E20    | 0.D                         |      |
| Analytical Method:  | Inorganic Anio                                    | ons by        | EPA 300         |               | N <b>f</b> t t      | Q - 11             |              |        | Pr   | ep Metho                          |          |                             |      |
| Seq Number:   | 3136852   |               |                 |               | Matrix:             |                    |              |        |      | Date Pre                          | 1        | 0.2020                      |      |
| Parent Sample Id:   | 672280-001  |               |                 | MS Sar        | nple Id:            | 672280-00          | 01 S         |        | MS   | D Sample                          | Id: 6/2  | 280-001 SD                  |      |
| Parameter   |   | rent<br>esult | Spike<br>Amount | MS<br>Result  | MS<br>%Rec          | MSD<br>Result      | MSD<br>%Rec  | Limits | %RPD | RPD<br>Limit                      | Units    | Analysis<br>Date            | Flag |
| Chloride  |   | 241           | 200             | 445           | 102                 | 446                | 103          | 90-110 | 0    | 20                                | mg/kg    | 09.10.2020 17:22            |      |

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>TPH by S</b><br>3136854<br>7711081-1 |              | od              |               | Matrix:<br>nple Id: | Solid<br>7711081- | 1-BKS        |        |      | ep Meth<br>Date Pr<br>D Sample | ep: 09.1 | 8015P<br>10.2020<br>1081-1-BSD |      |
|---|---|--------------|-----------------|---------------|---------------------|-------------------|--------------|--------|------|--------------------------------|----------|--------------------------------|------|
| Parameter   |   | MB<br>Result | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result    | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                   | Units    | Analysis<br>Date               | Flag |
| Gasoline Range Hydrocart                                  | oons (GRO)                              | < 50.0       | 1000            | 806           | 81                  | 850               | 85           | 70-135 | 5    | 35                             | mg/kg    | 09.10.2020 11:28               |      |
| Diesel Range Organics                                     | (DRO)                                   | <50.0        | 1000            | 875           | 88                  | 929               | 93           | 70-135 | 6    | 35                             | mg/kg    | 09.10.2020 11:28               |      |
| Surrogate   |   | MB<br>%Rec   | MB<br>Flag      |               | CS<br>Rec           | LCS<br>Flag       | LCSE<br>%Rec |        |      | mits                           | Units    | Analysis<br>Date               |      |
| 1-Chlorooctane  |   | 94           |                 | 1             | 07                  |                   | 114          |        | 70   | -135                           | %        | 09.10.2020 11:28               |      |
| o-Terphenyl   |   | 100          |                 | 1             | 01                  |                   | 114          |        | 70   | -135                           | %        | 09.10.2020 11:28               |      |

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>TPH by S</b><br>3136858<br>7711134-1 |              | od              | LCS Sar       | Matrix:<br>nple Id: |                | 1-BKS        |        |      | ep Meth<br>Date Pr<br>D Sample | ep: 09.1 | 8015P<br>10.2020<br>1134-1-BSD |      |
|---|---|--------------|-----------------|---------------|---------------------|----------------|--------------|--------|------|--------------------------------|----------|--------------------------------|------|
| Parameter   |   | MB<br>Result | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                   | Units    | Analysis<br>Date               | Flag |
| Gasoline Range Hydrocarb                                  | ons (GRO)                               | < 50.0       | 1000            | 836           | 84                  | 873            | 87           | 70-135 | 4    | 35                             | mg/kg    | 09.10.2020 20:31               |      |
| Diesel Range Organics                                     | (DRO)                                   | <50.0        | 1000            | 905           | 91                  | 961            | 96           | 70-135 | 6    | 35                             | mg/kg    | 09.10.2020 20:31               |      |
| Surrogate   |   | MB<br>%Rec   | MB<br>Flag      |               | CS<br>Rec           | LCS<br>Flag    | LCSI<br>%Re  |        |      | mits                           | Units    | Analysis<br>Date               |      |
| 1-Chlorooctane  |   | 94           |                 | 1             | 26                  |                | 117          | ,      | 70   | -135                           | %        | 09.10.2020 20:31               |      |
| o-Terphenyl   |   | 98           |                 | 1             | 05                  |                | 109          | )      | 70   | -135                           | %        | 09.10.2020 20:31               |      |

| Analytical Method:TPH bSeq Number:313685 | 4 Matrix:           | Prep Method:<br>Solid Date Prep:<br>7711081-1-BLK |        | 8015P<br>0.2020  |      |
|--|---------------------|---|--------|------------------|------|
| Parameter                                | MB<br>Result        | 1   | Units  | Analysis<br>Date | Flag |
| Motor Oil Range Hydrocarbons (MRC        | <50.0               | 1   | mg/kg  | 09.10.2020 11:08 |      |
| MS/MSD Percent Recovery                  | [D] = 100*(C-A) / B | LCS – Laboratory Control Sample                   | MS – M | Matrix Spike     |      |

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

.

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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Final 1.000

Received by OCD: 9/29/2020 9:06:02 AM

#### **QC Summary** 672280

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### Etech Environmental & Safety Solution, Inc

Cole Stute #10

| Analytical Method:        | TPH by SW8015 Mod |               |               | Prep Method: | SW    | 8015P            |      |
|---------------------------|-------------------|---------------|---------------|--------------|-------|------------------|------|
| Seq Number:               | 3136858           | Matrix:       | Solid         | Date Prep:   | 09.1  | 0.2020           |      |
|                           |                   | MB Sample Id: | 7711134-1-BLK |              |       |                  |      |
| Parameter                 |                   | MB<br>Result  |               | τ            | Jnits | Analysis<br>Date | Flag |
| Motor Oil Range Hydrocard | bons (MRO)        | <50.0         |               | m            | ng/kg | 09.10.2020 20:11 |      |
|                           |                   |               |               |              |       |                  |      |

| Analytical Method:<br>Seq Number:<br>Parent Sample Id: | <b>TPH by S</b><br>3136854<br>672189-00 |                  | od              |              | Matrix:<br>nple Id: | Soil<br>672189-00 | )1 S        |        |      | rep Metho<br>Date Pr<br>D Sample | ep: 09.1 | 8015P<br>10.2020<br>189-001 SD |      |
|--|---|------------------|-----------------|--------------|---------------------|-------------------|-------------|--------|------|----------------------------------|----------|--------------------------------|------|
| Parameter  |   | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec          | MSD<br>Result     | MSD<br>%Rec | Limits | %RPD | RPD<br>Limit                     | Units    | Analysis<br>Date               | Flag |
| Gasoline Range Hydrocarb                               | ons (GRO)                               | < 50.2           | 1000            | 883          | 88                  | 897               | 89          | 70-135 | 2    | 35                               | mg/kg    | 09.10.2020 12:28               |      |
| Diesel Range Organics                                  | (DRO)                                   | < 50.2           | 1000            | 988          | 99                  | 1020              | 101         | 70-135 | 3    | 35                               | mg/kg    | 09.10.2020 12:28               |      |
| Surrogate  |   |                  |                 |              | IS<br>Rec           | MS<br>Flag        | MSD<br>%Re  |        |      | imits                            | Units    | Analysis<br>Date               |      |
| 1-Chlorooctane   |   |                  |                 | 1            | 25                  |                   | 120         |        | 70   | -135                             | %        | 09.10.2020 12:28               |      |
| o-Terphenyl  |   |                  |                 | 1            | 20                  |                   | 118         |        | 70   | -135                             | %        | 09.10.2020 12:28               |      |

| Analytical Method:           | TPH by SV | V8015 M          | od              |              |            |               |                              |        | Pi   | rep Meth     | od: SW   | 8015P            |      |
|------------------------------|-----------|------------------|-----------------|--------------|------------|---------------|------------------------------|--------|------|--------------|----------|------------------|------|
| Seq Number:                  | 3136858   |                  |                 |              | Matrix:    | Soil          |                              |        |      | Date Pr      | ep: 09.1 | 0.2020           |      |
| Parent Sample Id: 672280-005 |           | MS Sample Id:    |                 | 672280-005 S |            |               | MSD Sample Id: 672280-005 SD |        |      | 280-005 SD   |          |                  |      |
| Parameter                    |           | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec | MSD<br>Result | MSD<br>%Rec                  | Limits | %RPD | RPD<br>Limit | Units    | Analysis<br>Date | Flag |
| Gasoline Range Hydrocarbo    | ons (GRO) | < 50.1           | 1000            | 931          | 93         | 900           | 90                           | 70-135 | 3    | 35           | mg/kg    | 09.10.2020 21:31 |      |
| Diesel Range Organics (      | DRO)      | <50.1            | 1000            | 1050         | 105        | 1010          | 101                          | 70-135 | 4    | 35           | mg/kg    | 09.10.2020 21:31 |      |
| Surrogate                    |           |                  |                 |              | 1S<br>Rec  | MS<br>Flag    | MSD<br>%Rec                  |        |      | imits        | Units    | Analysis<br>Date |      |
| 1-Chlorooctane               |           |                  |                 | 1            | 28         |               | 131                          |        | 70   | -135         | %        | 09.10.2020 21:31 |      |
| o-Terphenyl                  |           |                  |                 | 1            | 28         |               | 122                          |        | 70   | -135         | %        | 09.10.2020 21:31 |      |

| <b>Analytical Method:</b><br>Seq Number:<br>MB Sample Id: | <b>BTEX by EPA 8021</b><br>3136847<br>7711096-1-BLK | B               |               | Matrix:<br>nple Id: | Solid<br>7711096-1 | 1-BKS        |        |      | rep Meth<br>Date Pr<br>D Sample | ep: 09.1 | 5035A<br>0.2020<br>1096-1-BSD |      |
|---|---|-----------------|---------------|---------------------|--------------------|--------------|--------|------|---------------------------------|----------|-------------------------------|------|
| Parameter   | MB<br>Result  | Spike<br>Amount | LCS<br>Result | LCS<br>%Rec         | LCSD<br>Result     | LCSD<br>%Rec | Limits | %RPD | RPD<br>Limit                    | Units    | Analysis<br>Date              | Flag |
| Benzene   | < 0.00200   | 0.100           | 0.101         | 101                 | 0.0981             | 98           | 70-130 | 3    | 35                              | mg/kg    | 09.10.2020 23:02              |      |
| Toluene   | < 0.00200   | 0.100           | 0.0991        | 99                  | 0.0956             | 96           | 70-130 | 4    | 35                              | mg/kg    | 09.10.2020 23:02              |      |
| Ethylbenzene  | < 0.00200   | 0.100           | 0.0917        | 92                  | 0.0888             | 89           | 71-129 | 3    | 35                              | mg/kg    | 09.10.2020 23:02              |      |
| m,p-Xylenes   | < 0.00400   | 0.200           | 0.184         | 92                  | 0.179              | 90           | 70-135 | 3    | 35                              | mg/kg    | 09.10.2020 23:02              |      |
| o-Xylene  | < 0.00200   | 0.100           | 0.0927        | 93                  | 0.0897             | 90           | 71-133 | 3    | 35                              | mg/kg    | 09.10.2020 23:02              |      |
| Surrogate   | MB<br>%Rec  | MB<br>Flag      |               | CS<br>Rec           | LCS<br>Flag        | LCSI<br>%Re  |        |      | imits                           | Units    | Analysis<br>Date              |      |
| 1,4-Difluorobenzene                                       | 99  |                 | ç             | 98                  |                    | 98           |        | 70   | -130                            | %        | 09.10.2020 23:02              |      |
| 4-Bromofluorobenzene                                      | 87  |                 | 8             | 37                  |                    | 88           |        | 70   | -130                            | %        | 09.10.2020 23:02              |      |

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

.

o-Terphenyl

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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Final 1.000

### Received by OCD: 9/29/2020 9:06:02 AM

### QC Summary 672280

eurofins Environment Testing Xenco

### Etech Environmental & Safety Solution, Inc

Cole Stute #10

| Analytical Method:   | BTEX by EPA 8021 | B               |              |              |               |             |                              | Р    | rep Metho    | od: SW  | 5035A            |      |
|----------------------|------------------|-----------------|--------------|--------------|---------------|-------------|------------------------------|------|--------------|---------|------------------|------|
| Seq Number:          | 3136847          |                 | ]            | Matrix:      | Soil          |             |                              |      | Date Pr      | ep: 09. | 10.2020          |      |
| Parent Sample Id:    | 672280-001       | MS San          | ple Id:      | 672280-001 S |               |             | MSD Sample Id: 672280-001 SD |      |              |         |                  |      |
| Parameter            | Parent<br>Result | Spike<br>Amount | MS<br>Result | MS<br>%Rec   | MSD<br>Result | MSD<br>%Rec | Limits                       | %RPD | RPD<br>Limit | Units   | Analysis<br>Date | Flag |
| Benzene              | < 0.00200        | 0.100           | 0.0917       | 92           | 0.122         | 121         | 70-130                       | 28   | 35           | mg/kg   | 09.10.2020 23:47 |      |
| Toluene              | < 0.00200        | 0.100           | 0.0904       | 90           | 0.118         | 117         | 70-130                       | 26   | 35           | mg/kg   | 09.10.2020 23:47 |      |
| Ethylbenzene         | < 0.00200        | 0.100           | 0.0842       | 84           | 0.110         | 109         | 71-129                       | 27   | 35           | mg/kg   | 09.10.2020 23:47 |      |
| m,p-Xylenes          | < 0.00401        | 0.200           | 0.170        | 85           | 0.220         | 109         | 70-135                       | 26   | 35           | mg/kg   | 09.10.2020 23:47 |      |
| o-Xylene             | < 0.00200        | 0.100           | 0.0837       | 84           | 0.110         | 109         | 71-133                       | 27   | 35           | mg/kg   | 09.10.2020 23:47 |      |
| Surrogate            |                  |                 | N<br>%1      | IS<br>Rec    | MS<br>Flag    | MSD<br>%Re  |                              |      | imits        | Units   | Analysis<br>Date |      |
| 1,4-Difluorobenzene  |                  |                 | 9            | 9            |               | 98          |                              | 70   | -130         | %       | 09.10.2020 23:47 |      |
| 4-Bromofluorobenzene |                  |                 | 9            | 4            |               | 84          |                              | 70   | -130         | %       | 09.10.2020 23:47 |      |

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

.

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

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

| ame:     Cole     Study     H     Turn Around       amber:     114     5     Turn Around       amme:     14     6     Turn Around       Name:     Mayvel     Raumin Results to PM@elechenv.com + Client       Name:     Mayvel     Raumin Results to PM@elechenv.com + Client       Name:     Mayvel     Raumin Results to PM@elechenv.com + Client       Indect:     Temp Blank:     Temp Blank:     Town Around       Indect:     File     No     Turn Around       Indect:     Yes     No     Turn Around       Indect:     Sol 1     G10     Sol 2     Sol 3       Sol 1     G10     Sol 4     G10     Sol 4       Sol 1     G10     Sol 4 <th>ame: Cole Stute #16<br/>IIII ES<br/>Cation Lea County Num<br/>Name: Musure I Ranning County Num<br/>Name: Musure I Ranning County Seals: Yes No<br/>Natrix Stody Seals: Yes No<br/>Natrix Sampled Sampled Sample<br/><math>S_{1}^{C}</math> Sol 9.10.20<br/><math>S_{2}^{C}</math> Sol 9.10.20<br/><math>S_</math></th> <th>Company Name: Etech Environmental &amp;<br/>Address: 3100 Plains Highway<br/>City, State ZIP: Lovington, NM, 88260<br/>Phone: 575-396-2378</th> | ame: Cole Stute #16<br>IIII ES<br>Cation Lea County Num<br>Name: Musure I Ranning County Num<br>Name: Musure I Ranning County Seals: Yes No<br>Natrix Stody Seals: Yes No<br>Natrix Sampled Sampled Sample<br>$S_{1}^{C}$ Sol 9.10.20<br>$S_{2}^{C}$ Sol 9.10.20<br>$S_$  | Company Name: Etech Environmental &<br>Address: 3100 Plains Highway<br>City, State ZIP: Lovington, NM, 88260<br>Phone: 575-396-2378 |
|---|---|---|
| Image:   | Image: Construction of Containers/Preservative     Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20       Still 9:10:20     Still 9:10:20     Still 9:10:20  |   |
| Location     Rush:     Rush:     Rush:       Yes     No     Temp Blank:     Temp Blank:     Thermomeler ID       Ves     No     Thermomeler ID     No       Ves     NA     Correction Factor:     -0.3       So.1     G.1     G.10.3c     Sampled       So.1     G.10.3c     Sampled     Depth       So.1     G.10.3c     Sampled     Depth       So.1     G.10.3c     Sampled     Sampled       So.1     G.10.3c     Sampled     Depth       So.1     G.10.3c     Sampled     Depth       So.1     G.10.3c     Sampled     Depth       So.1     G.10.3c     So.1     G.10.3c       So.1     G.10.3c  | Image: Construct of the second sec   |   |
| E RECEIPT     Temp Blank:     E No.     Wel Lee:     No.       Inact:     Image:     Image:     Image:     Image:     Image:     Image:       Indict:     Image:     Image:     Image:     Image:     Image:     Image:     Image:       Indict:     Image:     Image:     Image:     Image:     Image:     Image:     Image:     Image:     Image:       Indict:     Image:     Image:     Image:     Image:     Image:     Image:     Image:     Image:     Image:       Indict:     Image:     Imag   | E RECEIPT     Temp Blank:     Es No.     Wel Les:     No.       nlact:     Image:     Image:<  |   |
| E RECEIPT       Temp Blank:       Temp Blank:       No       Wet ke:       Yes       No         Infact:       Yes       Walk       Yes       Walk       Thermometer ID       No         Infact:       Yes       Walk       Correction Factor:       -D:2       No       Nu         Infact:       Yes       Walk       Total Containers:       -D:2       No       No         Infact:       Yes       Walk       Total Containers:       -D:2       No       No         Infact:       Yes       No       NA       Correction Factor:       -D:2       No         Indext Sampled       Sampled       Sampled       Sampled       Sampled       Sampled       Depth         Introversion       Sold       G/10.20       Si       G/10.20       Si       Si         Introversion       Sold       G/10.20       Si       Si       Si       Si       Si         Introversion       Sold       G/10.20       Si       Si       Si       Si       Si         Introversion       Sold       G/10.20       Si       Si       Si       Si       Si         Introversion       Sold       G/10.20       Si       Si  | E RECEIPT       Temp Blank:       Temp Blank:       No       Thermometer ID         Inact:       Ves       Ves       NA       Correction Factor:       -D.2         Itody Seals:       Ves       Ves       NA       Correction Factor:       -D.2         Itody Seals:       Ves       NA       Correction Factor:       -D.2       No         Itody Seals:       Ves       NA       Correction Factor:       -D.2       No         Indet       Identification       Matrix       Sampled       Sampled       Sampled       Depth         Indet       Sol       G.1       G10-Jo       Sol       G1-J0-Jo       Sol   |   |
| Ine (°C): G. 2 G. 0<br>Inact: Ves (No T. VM. OT Thermometer ID<br>No T. Ves (NA Correction Factor: -D. 2<br>stody Seals: Ves   | In the function of the theory   | AMPLE RECEIPT   |
| Inact:       Yes       No       Transmitter ID         study Seals:       Yes       NA       Correction Factor:       -D.2         study Seals:       Yes       NA       Correction Factor:       -D.2         mple identification       Matrix       Date       Time       Date       Time $25'$ $5_1$ $5_1$ $9_10$ , $2c$ Sampled       Sampled       Depth $25'$ $5_1$ $5_1$ $9_10$ , $2c$ $5_1$ $9_10$ , $2c$ $5_2$ $25'$ $5_1$ $9_10$ , $2c$ $5_1$ $9_10$ , $2c$ $5_1$ $9_10$ , $2c$ $25'$ $5_1$ $9_10$ , $2c$ $5_1$ $9_10$ , $2c$ $5_1$ $9_10$ , $2c$ $25'$ $5_0$ $9_10$ , $10, 2c$ $5_1$ $9_10, 2c$ $5_1$ $9_10, 2c$ $25'$ $5_0$ $9_10, 2c$ $5_1$ $9_10, 2c$ $5_1$ $9_10, 2c$ $25'$ $5_0$ $9_10, 2c$ $5_1$ $9_10, 2c$ $5_1$ $8_12, 2c$ $25'$ $5_0$ $9_10, 2c$ $5_1$ $9_10, 2c$ $5_1$ $8_12, 2c$ $3000$   | Intert     Yes     No     Transmitter       stody Seals:     Yes     NA     Correction Factor:     -D.2       stody Seals:     Yes     NA     Total Containers:     -D.2       mple Identification     Matrix     Sampled     Sampled     Sampled       S.5'     Sold     Sold     Sold     Sold     Sold       S.5'     Sold     Sold     Sold     Sold  | nperature (°C):   |
| Itody Seals:     Yes     N/A     Correction Factor:       nple Identification     Matrix     Sampled     Date     Time       Date     Time     Date     Time     Depth       So 5'     So 1     G10-3c     Sampled     Sampled       So 5'     So 1     G10-3c     S'     Number of Conta       So 5'     So 1     G10-3c     S'     Number of Conta       So 5'     So 1     G10-3c     S'     Number of Conta       So 5'     So 1     G10-3c     S'     Number of Conta       So 1     G10-3c     S'     Number of Conta       So 1     G10-3c     S'     S'       So 1     G10-3c     S'     Number of Conta       So 1     G10-3c     S'     S'       So 2     S'     S'     S'       So 3     G10-3c     S'     S'       So 3     G10-3c     S'     S' <td>Itody Seals:     Yes     N/A     Correction Factor:       Imple Identification     Matrix     Sampled     Total Containers:     Total Containers:       Imple Identification     Matrix     Sampled     Sampled     Time       Depth     Matrix     Sampled     Sampled     Sampled       Depth     Sol.1     G10-36     Sampled     Sampled       Depth     Sol.1     G10-36     Sil.1     G10-36       Depth     Sol.1     G10-36     Sil.1     G10-36       Depth     Sol.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1     <t< td=""><td>Received Intact:</td></t<></td>  | Itody Seals:     Yes     N/A     Correction Factor:       Imple Identification     Matrix     Sampled     Total Containers:     Total Containers:       Imple Identification     Matrix     Sampled     Sampled     Time       Depth     Matrix     Sampled     Sampled     Sampled       Depth     Sol.1     G10-36     Sampled     Sampled       Depth     Sol.1     G10-36     Sil.1     G10-36       Depth     Sol.1     G10-36     Sil.1     G10-36       Depth     Sol.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1     Sil.1       Depth     Sil.1     G10-36     Sil.1 <t< td=""><td>Received Intact:</td></t<>  | Received Intact:  |
| stody Seals:     Yes     N/A     Total Containers:     Total Containers:       mple Identification     Matrix     Sampled     Sampled     Time       D5'     5'     5'     5'     1 (10.7c)       Q5'     5'     5'     1 (10.7c)     5'       Q5'     5'     5'     1 (10.7c)       Q5'     5'     5'     1 (10.7c)       Q5'     5'     1 (10.7c)     5'       Q5' <t< td=""><td>stody Seals:       Yes       N/A       Total Containers:       <math>\neg</math> C. 2         mple Identification       Matrix       Sampled       Date       Time       Depth         <math>25'</math> <math>5i</math> <math>5i</math> <math>5i</math> <math>9i0</math>, <math>26</math>       Sampled       Sampled       Depth         <math>25'</math> <math>5i</math> <math>5i</math> <math>9i0</math>, <math>26</math>       Sampled       Sampled       Depth         <math>25'</math> <math>5i</math> <math>9i0</math>, <math>16, 26</math> <math>5'</math> <math>5i</math> <math>9i0, 26</math> <math>5'</math> <math>5i</math> <math>9i0, 26</math> <math>25'</math> <math>5i</math> <math>9i0, 16, 26</math> <math>5'</math> <math>5i</math> <math>5i</math></td><td>pler Custody Seals:</td></t<>  | stody Seals:       Yes       N/A       Total Containers: $\neg$ C. 2         mple Identification       Matrix       Sampled       Date       Time       Depth $25'$ $5i$ $5i$ $5i$ $9i0$ , $26$ Sampled       Sampled       Depth $25'$ $5i$ $5i$ $9i0$ , $26$ Sampled       Sampled       Depth $25'$ $5i$ $9i0$ , $16, 26$ $5'$ $5i$ $9i0, 26$ $5'$ $5i$ $9i0, 26$ $25'$ $5i$ $9i0, 16, 26$ $5'$ $5i$  | pler Custody Seals:   |
| mple identification     Matrix     Date<br>Sampled     Time<br>Sampled     Depth<br>Depth     Depth<br>Mumber $25'$ $5i$ $5i$ $9i0.3c$ Sampled     Depth     Mumber $25'$ $5i$ $9i0.3c$ $5i$ $9i0.3c$ $5i$ $9i0.3c$ $25'$ $5i$ $5i$ $9i0.3c$ $5i$ $9i0.3c$ $5i$ $5i$ $25'$ $5i$ $5i$ $9i0.3c$ $5i$ $5i$ $5i$ $5i$ $5i$ $25'$ $5i$ $5i$ $9i0.3c$ $5i$ $5i$ $5i$ $5i$ $5i$ $25'$ $5i$ $9i0.3c$ $5i$ </td <td>Imple Identification     Matrix     Date<br/>Sampled     Time<br/>Sampled     Depth<br/>Sampled     Depth<br/>Depth     Depth<br/>Mumber       <math>25'</math> <math>5i</math> <math>5i</math> <math>9i0.3c</math>     Sampled     Depth<br/>Sampled     Sampled     Depth<br/>Sampled     Sampled     Depth<br/>Sampled     Sampled     Depth<br/>Sampled     Number<br/>Sampled     Sampled     Sampled&lt;</td> <td>mple Custody Seals:</td>  | Imple Identification     Matrix     Date<br>Sampled     Time<br>Sampled     Depth<br>Sampled     Depth<br>Depth     Depth<br>Mumber $25'$ $5i$ $5i$ $9i0.3c$ Sampled     Depth<br>Sampled     Sampled     Depth<br>Sampled     Sampled     Depth<br>Sampled     Sampled     Depth<br>Sampled     Number<br>Sampled     Sampled     Sampled<  | mple Custody Seals:   |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | Sample Identific  |
| 05' 50' 2'10'20<br>05' 20' 2'10'20<br>05' 20' 2'10'20<br>50' 2'10'20'<br>50' 2'10'20'<br>50' 2'10'20'<br>50' 2'10'20'<br>50' 2'10'<br>50'   | 05' Soil Gilo 20<br>05' Soil Gilo 20<br>05' Soil Gilo 20<br>05' Soil Gilo 20<br>50il Gilo 20  | -   |
| (25' 50' 4'10'20<br>(25' 20' 20' 4'10'20<br>(25' 20' 20' 4'10'20<br>20' 20' 20' 20' 20' 20' 20' 20' 20' 20'   | (25' Soil 4.16.20<br>(25' Soil 9.10.20<br>(25' Soil 9. | -11 (2)   |
| (25. 50,1 9.10.20<br>(25. 50,1 9.10.20<br>50,1 9.10.20  | $ \begin{array}{c}                                     $  | 12005   |
| 201 9.10.20<br>201 9.10.20  | 50,1 9,10.20<br>50,1 9,10.20  | 2005.   |
| 50,1  | 50,1<br>07,6000 2000 2000   | hmm   |
|   | 200 0   | NEWY  |
|   |   |   |
| te Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Ca Cr Co Cu Fe  | in the relinguishment of samples and the  | fenco will be liable only minimum charge of \$7   |
| Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo N<br>Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its atflattes and subcontractors. It assigns standard terms and condition<br>to A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each starting estimates incurred by the client if such losses are due to company to Xenco.  | Kenco will be Nable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to minimum charge of \$7.5,00 will be applied to each project and a charge of \$5 for each samples and subcontractors. It assig   | quished by: (Sign   |
| Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni<br>Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affaues and subcontractors. It assigns standard terms and conditions<br>of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. Its affaues and subcontractors. It assigns standard terms and conditions<br>Refiringuished by: (Signature) Received by: (Signature) DatoTime   | of service. Xenco will be hable only for the cost of samples constitutes a valid purchase order from otient company to Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions Reference A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. but not analyzed. These terms will be enforced unless previously regolitated.   | ANK K   |

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XENCO

Chain of Custody

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
 Hobbs, NM (575) 392-7550, Carisbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-671

Work Order No: 672280

Rovised Oate 1014 (9 Rev. 2019.)

### **Eurofins Xenco, LLC**

### Prelogin/Nonconformance Report- Sample Log-In

| Client: Etech Environmental & Safety Solution, I        | Acceptable Temperature Range: 0 - 6 degC        |                                      |  |  |  |  |  |
|---|---|--------------------------------------|--|--|--|--|--|
| Date/ Time Received: 09.10.2020 03.28.00 PM             | Air and Metal samples Acceptable Range: Ambient |                                      |  |  |  |  |  |
| Work Order #: 672280                                    | Temperature Measuring device used : T_NM_007    |                                      |  |  |  |  |  |
| Sample Recei  | pt Checklist                                    | Comments                             |  |  |  |  |  |
| #1 *Temperature of cooler(s)?                           | 6   |                                      |  |  |  |  |  |
| #2 *Shipping container in good condition?               | Yes   |                                      |  |  |  |  |  |
| #3 *Samples received on ice?                            | Yes   |                                      |  |  |  |  |  |
| #4 *Custody Seals intact on shipping container/ cooler? | Yes   |                                      |  |  |  |  |  |
| #5 Custody Seals intact on sample bottles?              | Yes   |                                      |  |  |  |  |  |
| #6*Custody Seals Signed and dated?                      | Yes   |                                      |  |  |  |  |  |
| #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   | Samples received in bulk containers. |  |  |  |  |  |
| #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)?                           | No  |                                      |  |  |  |  |  |
| #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:

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PH Device/Lot#:

Checklist completed by:

Date: 09.10.2020

Checklist reviewed by: Jessica Kramer

Date: 09.11.2020

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# Appendix D Photographic Log

