

| | |
|----------------|---------------|
| Incident ID | NRH2003454759 |
| District RP | |
| Facility ID | |
| Application ID | |

OH522-200221-C-1410

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>75 Ft.</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

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

Printed Name: Carmen E Pitt Title: Senior HSE Specialist

Signature: *Carmen E Pitt* Date: 2/21/2020

email: cpitt@grizzlyenergyllc.com Telephone: 432-248-8145

OCD Only

Received by: _____ Date: _____

| | |
|----------------|---------------|
| Incident ID | NRH2003454759 |
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Carmen E Pitt Title: Senior HSE Specialist
 Signature: *Carmen E Pitt* Date: 2/21/2020
 email: cpitt@grizzlyenergyllc.com Telephone: 432-248-8145

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Site Assessment Report and Proposed Remediation Workplan

Grizzly Energy, LLC Enron Federal Battery

Eddy County, New Mexico
Unit Letter O, Section 25, Township 17 South, Range 27 East
Latitude 32.80081 North, Longitude 104.22879 West
NMOCD Reference No. 2RP-

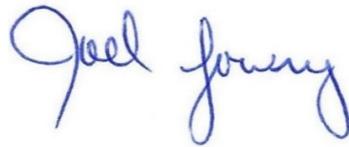
Prepared By:

Etech Environmental & Safety Solutions, Inc.

3100 Plains Highway
Lovington, New Mexico 88260



Lance Crenshaw



Joel W. Lowry



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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 Enron Federal Battery. Details of the release are summarized below:

| Location of Release Source | | | | |
|--|---|--|-------------------------|------------------------------|
| Latitude: _____ | | 32.80081 | | Longitude: _____ |
| | | | | -104.22879 |
| Provided GPS are in WGS84 format. | | | | |
| Site Name: _____ | | Enron Federal Battery | | Site Type: _____ |
| | | | | Tank Battery |
| Date Release Discovered: _____ | | 12/14/2019 | | API # (if applicable): _____ |
| | | | | |
| Unit Letter | Section | Township | Range | County |
| O | 25 | 17S | 27E | Eddy |
| Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private (Name _____) | | | | |
| Nature and Volume of Release | | | | |
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) | 3.2 | Volume Recovered (bbls) | 0 |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) | 18.2 | Volume Recovered (bbls) | 0 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | | Volume Recovered (bbls) | |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | | Volume Recovered (Mcf) | |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released | | Volume/Weight Recovered | |
| Cause of Release: The pilot went out on the heater treater, and when it came back on it ignited and caused a small grass fire. The grass fire burned multiple flow lines. | | | | |
| Initial Response | | | | |
| <input checked="" type="checkbox"/> The source of the release has been stopped. | | | | |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. | | | | |
| <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices | | | | |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | | | | |

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half mile radius of the 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? | ~75 Ft | |
| Did the release impact groundwater or surface water? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
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| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production or storage site? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) 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:

| Closure Criteria for Soil Impacted by a Release | | | |
|---|-----------------------|-----------------------------------|-----------|
| Probable Depth to Groundwater | Constituent | Method | Limit |
| ~75 | Chloride | EPA 300.0 or SM4500 Cl B | 600 mg/kg |
| | TPH (GRO + DRO + MRO) | EPA SW-846 Method 8015M Ext | 100 mg/kg |
| | DRO + GRO | EPA SW-846 Method 8015M | N/A 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 **December 20, 2019**, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores (SP1 through SP6) were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, hand-augered soil bores (NH1, NH2, EH1, EH2, SH1, SH2, WH1, and WH2) 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 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, **twenty-eight (28)** delineation soil samples, two representative samples from each sample location noted above, were submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples SP 1 @ Surf, which exhibited a chloride concentration of 10,400 mg/kg, soil sample SP 1 @ 2', which exhibited a chloride concentration of 624 mg/kg, soil sample SP 2 @ Surf, which exhibited a TPH concentration of 138.7 mg/kg and a chloride concentration of 4,960 mg/kg, soil sample SP 2 @ 2', which exhibited a chloride concentration of 880 mg/kg, soil sample SP 3 @ Surf, which exhibited a BTEX concentration of 60.0 mg/kg, a TPH concentration of 4,459 mg/kg and a chloride concentration of 13,600 mg/kg, soil sample SP 4 @ Surf, which exhibited a TPH concentration of 1,972 mg/kg and a chloride concentration of 11,800 mg/kg, soil sample SP 5 @ Surf, which exhibited a benzene concentration of 14.6 mg/kg, a BTEX concentration of 1,230 mg/kg, a TPH concentration of 57,990 mg/kg and a chloride concentration of 7,730 mg/kg and soil sample EH 2 @ Surf, which exhibited a chloride concentration of 1,650 mg/kg. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

On January 20, 2020, Etech revisited the release Site in an effort to further characterize impacts in the areas characterized by sample points SP 1, SP 2 and EH 2. During the site visit, four (4) delineation soil samples were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond 1 Ft. bgs in the area characterized by sample points SP 3 and SP 6, 2 Ft. bgs in the area characterized by sample point SP 5 and 3 Ft. bgs in the area characterized by sample points SP1, SP 2 and SP 4 and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined.

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 in the areas characterized by sample points SP1, SP2, and SP4 to a depth of approximately 3 ft. bgs, sample points SP3 and SP 6 to a depth of approximately 1 ft. bgs and sample point SP5 to a depth of approximately 2 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, 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 SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite excavation confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than **50 linear ft**. A minimum of **one (1)** representative five-point composite excavation confirmation soil sample will be collected from the base of the excavated area representing every **300 square feet**. Additional, discrete grab samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary.

7.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed **within 90 days** of receiving necessary approval(s) of the Site Assessment Summary and Proposed Remediation Plan. Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment it is estimated that approximately **1,800 cy** is in need of removal.

8.0 RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be 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 during the first favorable growing season following closure of the site.

9.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Site Assessment Report and Proposed Remediation Plan 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. Basis 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 within the consent of Etech and/or Grizzly Energy, LLC.

10.0 DISTRIBUTION

Grizzly Energy, LLC

4001 Penbrook

Suite 201

Odessa, TX 79762

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2

811 S. First Street

Artesia, NM 88210

United States Department of the Interior

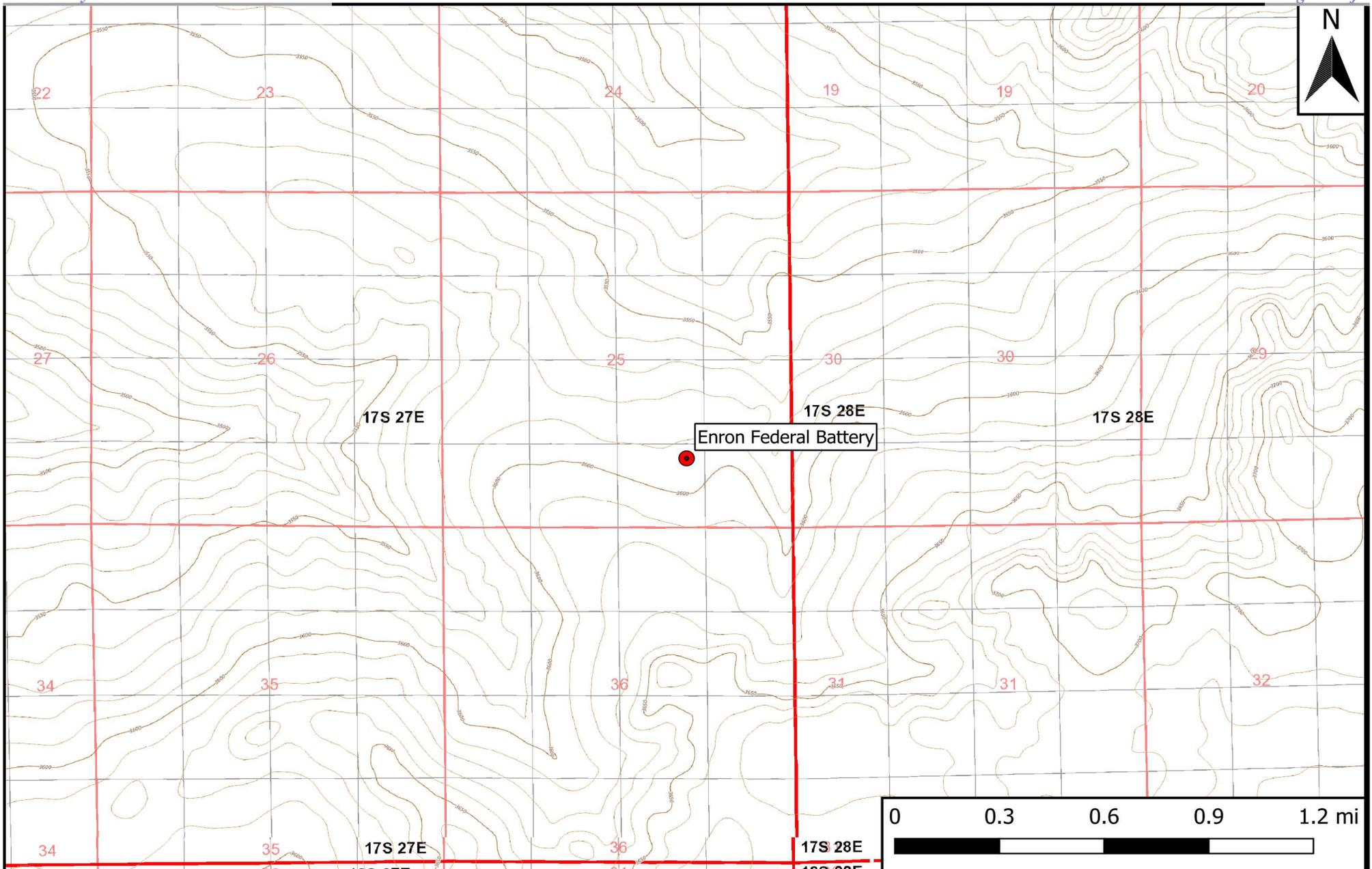
Bureau of Land Management

620 E. Greene Street

Carlsbad, NM 88220

(Electronic Submission)

Figure 1 Topographic Map



Legend

- Site Location

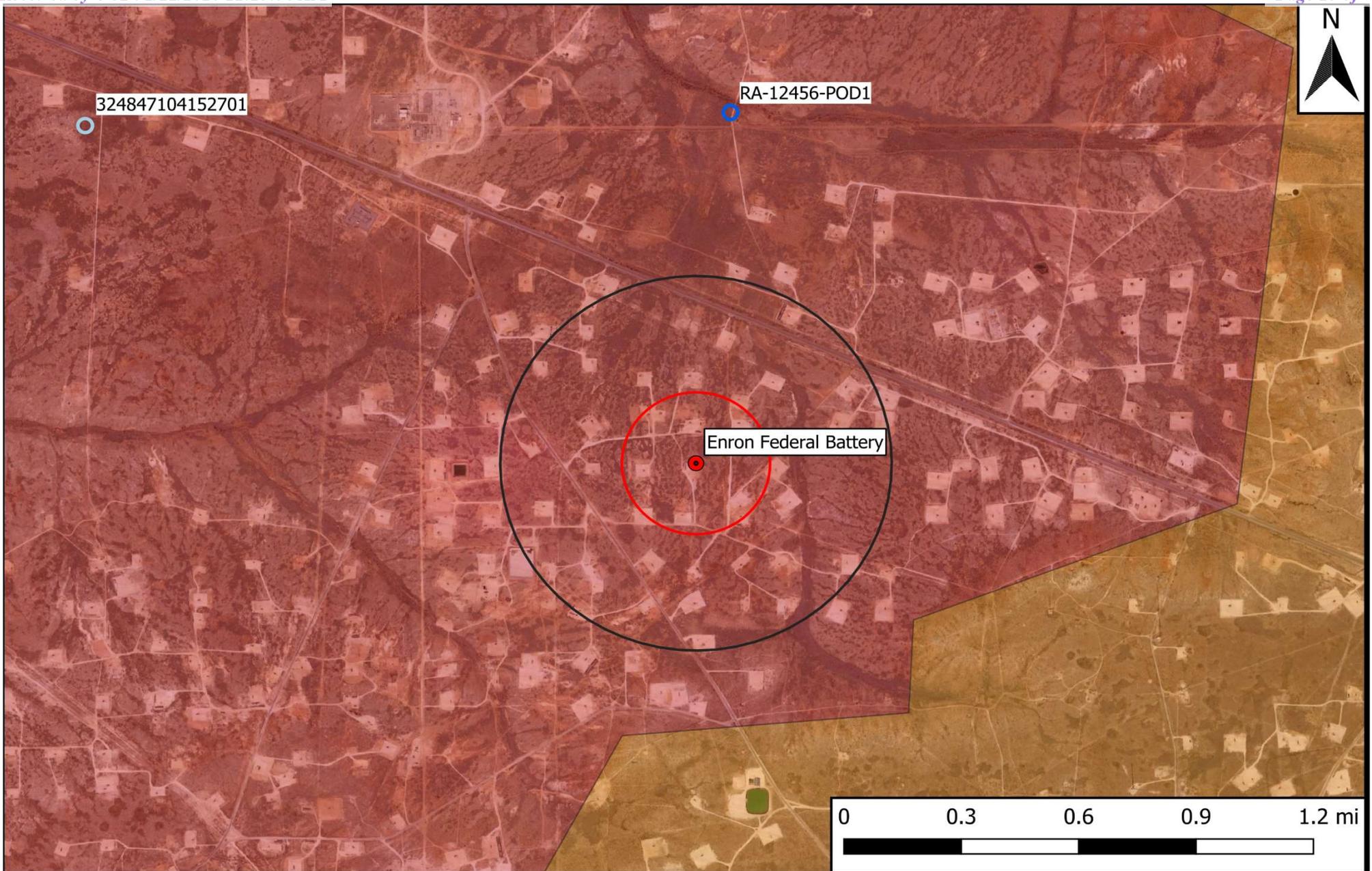
Figure 1
 Topographic Map
 Grizzly Energy, LLC
 Enron Federal Battery
 GPS: 32.80081, -104.22879
 Eddy County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 1/13/20

Figure 2

Aerial Proximity Map



| Legend | |
|--------|------------------------|
| | Site Location |
| | 0.5 Mi Radius |
| | 1000 Ft Radius |
| | 1% Annual Flood Chance |
| | Surface Water |
| | Well - USGS |
| | Well - NMOSE |
| | High Karst |
| | Medium Karst |
| | Potash Mine Workings |

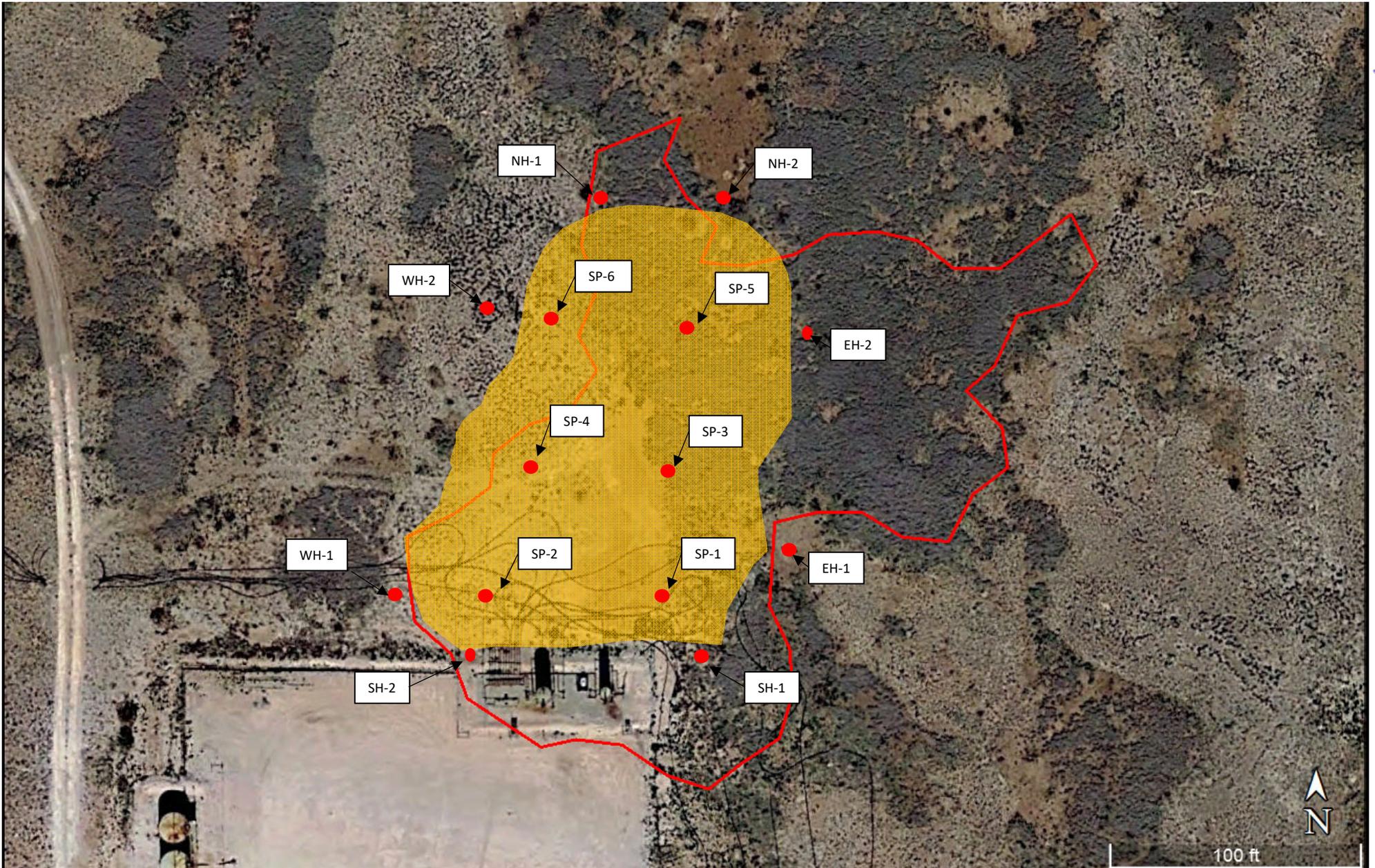
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 Eddy County

eTECH 
Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 1/13/20

Figure 3

Site and Sample Location Map



Legend:

| | |
|---|---------------|
| ● | Sample Point |
| | Burned Area |
| | Affected Area |

Figure 3
 Site and Sample Location Map
 Grizzly Energy, LLC
 Enron Federal Battery
 GPS: 32.80081, -104.22879
 Eddy County

| | |
|----------|--------------|
| | |
| Drafted: | Checked: jwl |
| Date: | 2/19/20 |

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

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX TPH AND CHLORIDE IN SOIL
Grizzly Energy, LLC
Enron Federal Battery
NMOCD Ref. #: 2RP-

| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | 4500 Cl |
|-------------------------|----------|-------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| SP 1 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | 45.2 | 45.2 | <10.0 | 45.2 | 10,400 |
| SP 1 @ 2' | 12/20/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | 11.7 | 11.7 | <10.0 | 11.7 | 624 |
| SP 2 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | 94.8 | 94.8 | 43.9 | 138.7 | 4,960 |
| SP 2 @ 2' | 12/20/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | 19.2 | 19.2 | <10.0 | 19.2 | 880 |
| SP 3 @ Surf | 12/20/19 | Surf | In-Situ | 0.355 | 60.00 | 368 | 3,300 | 3,668 | 791 | 4,459 | 13,600 |
| SP 3 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| SP 4 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | 0.964 | 18.2 | 1,380 | 1,398 | 274 | 1,672 | 11,800 |
| SP 4 @ 3' | 12/20/19 | 3' | In-Situ | <0.050 | <0.300 | <10.0 | 16.9 | 16.9 | <10.0 | 16.9 | 560 |
| SP 5 @ Surf | 12/20/19 | Surf | In-Situ | 14.6 | 1,230 | 12,900 | 39,300 | 52,200 | 5,790 | 57,990 | 7,730 |
| SP 5 @ 2' | 12/20/19 | 2' | In-Situ | <0.050 | 0.424 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 432 |
| SP 6 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | 15.1 | 15.1 | <10.0 | 15.1 | 80.0 |
| SP 6 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| NH 1 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| NH 1 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| NH 2 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| NH 2 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| EH 1 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| EH 1 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| EH 2 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,650 |
| EH 2 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| SH 1 b @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| SH 1b @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| SH 2 b @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| SH 2 b @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | 0.456 | <10.0 | 13.7 | 13.7 | <10.0 | 13.7 | 416 |
| WH 1 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 528 |
| WH 1 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| WH 2 @ Surf | 12/20/19 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| WH 2 @ 1' | 12/20/19 | 1' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| SP 1 @ 3' | 1/20/20 | 3' | In-Situ | - | - | - | - | - | - | - | 304 |
| SP 2 @ 3' | 1/20/20 | 3' | In-Situ | - | - | - | - | - | - | - | 352 |
| EH2 b @ Surf. | 1/20/20 | Surf. | In-Situ | - | - | - | - | - | - | - | 16.0 |
| EH 2 b @ 1' | 1/20/20 | 1' | In-Situ | - | - | - | - | - | - | - | <16.0 |
| Closure Criteria | | | | 10 | 50 | - | - | N/A | - | 100 | 600 |

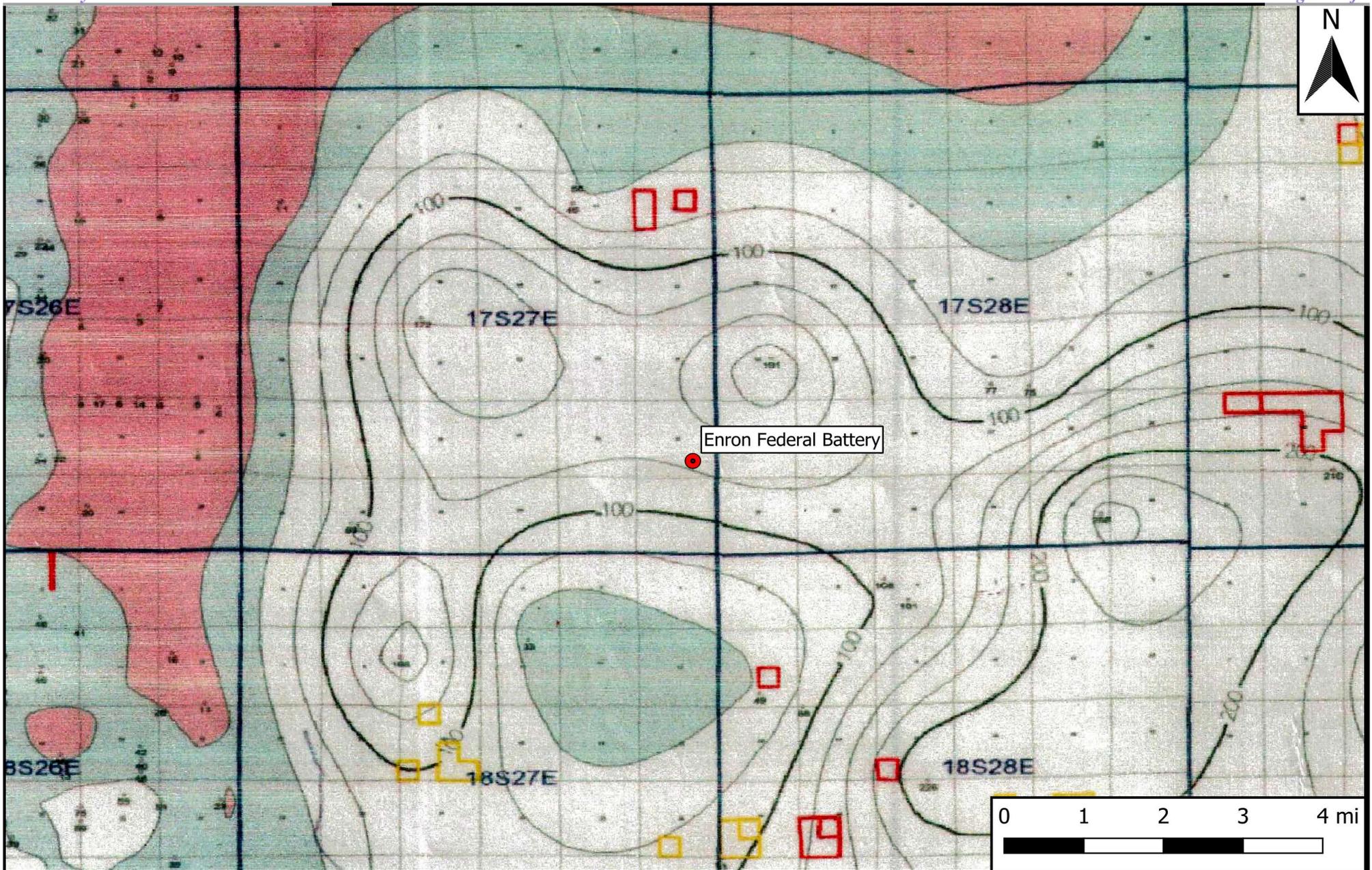
NOTES:

- =

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Appendix A

Depth to Groundwater Information



Legend

- Site Location

Figure 4
 Inferred Depth to Groundwater Trend Map
 Grizzly Energy, LLC
 Enron Federal Battery
 GPS: 32.80081, -104.22879
 Eddy County





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

| POD Number | POD Code | Sub-basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|----------|-----------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| RA 04561 | RA | ED | | 4 | 2 | 26 | 17S | 27E | | 570871 | 3630142* | 1494 | 250 | | |
| RA 12456 POD1 | RA | ED | | 1 | 4 | 4 | 24 | 17S | 27E | 572348 | 3630969 | 1507 | 220 | 92 | 128 |

Average Depth to Water: **92 feet**
 Minimum Depth: **92 feet**
 Maximum Depth: **92 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 572205.58 **Northing (Y):** 3629468.33 **Radius:** 1610

*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.

1/13/20 11:07 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
|----------|------------|-----|-----|----|-----|-----|--------|----------|---|
| RA | 04561 | 4 | 2 | 26 | 17S | 27E | 570871 | 3630142* | |

| | | |
|----------------------------------|-----------------------------|-------------------------|
| Driller License: | Driller Company: | |
| Driller Name: OWEN HAYNES | | |
| Drill Start Date: | Drill Finish Date: | Plug Date: |
| Log File Date: | PCW Rcv Date: | Source: |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: |
| Casing Size: 7.00 | Depth Well: 250 feet | Depth Water: |

*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.

1/13/20 11:08 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

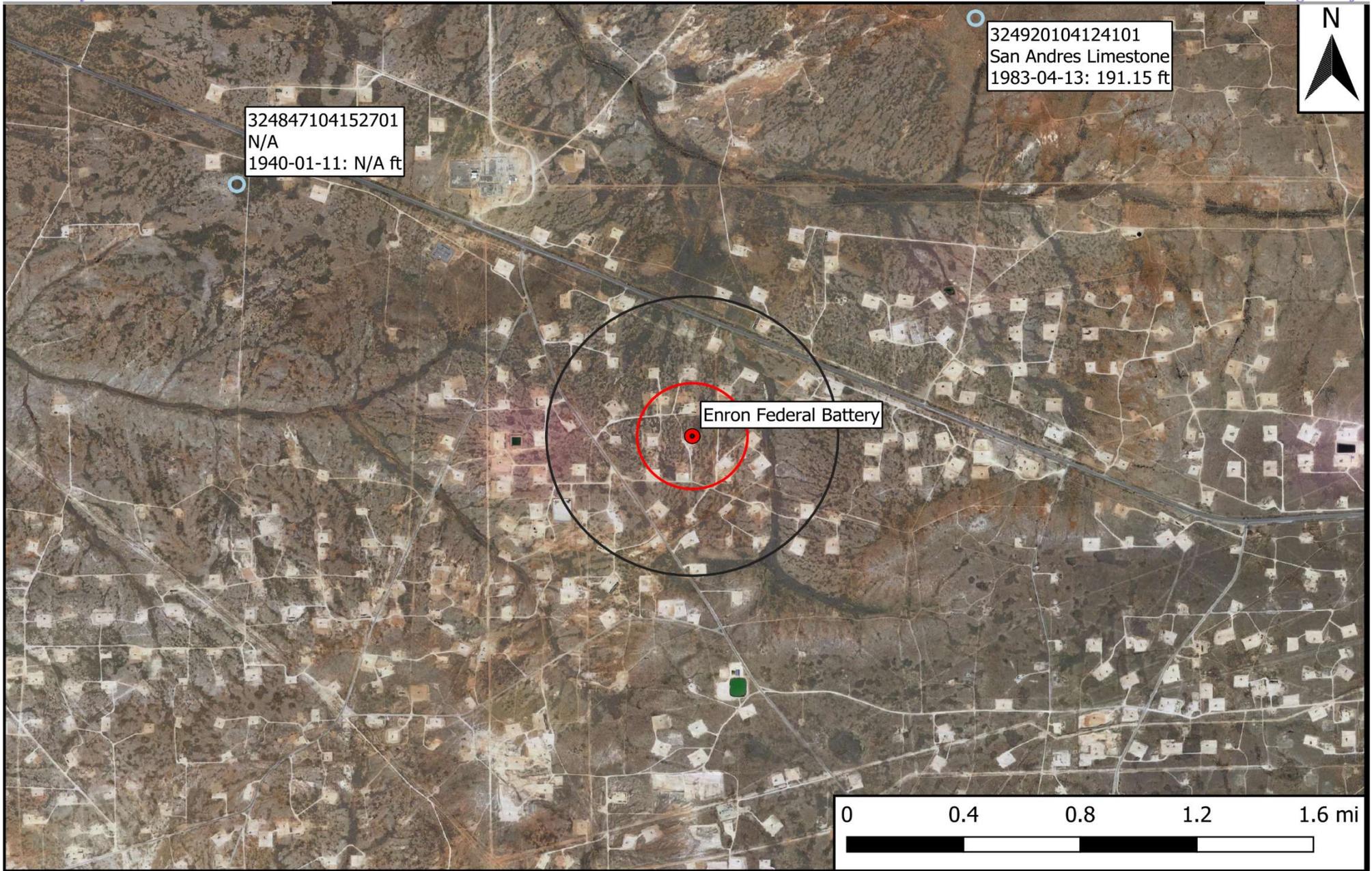
| | | | | | | | | | |
|-----------------|-------------------|------------|------------|-----------|------------|------------|------------|----------|----------|
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| RA 12456 | POD1 | 1 | 4 | 4 | 24 | 17S | 27E | 572348 | 3630969 |

| | | |
|-------------------------------------|---|--------------------------------|
| Driller License: 1058 | Driller Company: KEY'S DRILLING & PUMP SERVICE | |
| Driller Name: DON KUEHN III | | |
| Drill Start Date: 09/07/2016 | Drill Finish Date: 09/09/2016 | Plug Date: |
| Log File Date: 09/15/2016 | PCW Rcv Date: | Source: Shallow |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: 10 GPM |
| Casing Size: 4.50 | Depth Well: 220 feet | Depth Water: 92 feet |

| Water Bearing Stratifications: | Top | Bottom | Description |
|--------------------------------|-----|--------|-------------------------------|
| | 90 | 110 | Sandstone/Gravel/Conglomerate |
| | 160 | 180 | Shale/Mudstone/Siltstone |
| | 180 | 200 | Sandstone/Gravel/Conglomerate |
| | 200 | 210 | Sandstone/Gravel/Conglomerate |
| | 210 | 220 | Sandstone/Gravel/Conglomerate |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
| | 200 | 220 |

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- Legend**
- Site Location
 - Well - USGS
 - 0.5 Mi Radius
 - 1000 Ft Radius

Figure 5
 USGS Well Proximity Map
 Grizzly Energy, LLC
 Enron Federal Battery
 GPS: 32.80081, -104.22879
 Eddy County





National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [Introducing The Next Generation of USGS Water Data for the Nation](#)
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Water Quality Samples for New Mexico

Click for state-specific text

To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are [here](#).

USGS 324847104152701 17S.27E.23.33 OILTEST

Available data for this site

Eddy County, New Mexico
 Hydrologic Unit Code 13060007
 Latitude 32°48'50", Longitude 104°15'18" NAD27
 Land-surface elevation 3,564 feet above NGVD29
 The depth of the well is 625 feet below land surface.

Output formats

| |
|--|
| Parameter Group Period of Record table |
| Inventory of available water-quality data for printing |
| Inventory of water-quality data with retrieval |
| Tab-separated data, one result per row |
| Tab-separated data one sample per row with remark codes combined with values |
| Tab-separated data one sample per row with tab-delimiter for remark codes |
| Reselect output format |

| Sample Datetime | Time datum | Time datum reliability code | Sample Medium Code | Agency Collecting Sample, Code | Agency analyzing sample, code (00028) | Specific conductance, wat unf uS/cm @ 25 degC (00095) | Bicarbonate, wat unf fixed end pt, field, mg/L (00440) | Carbonate, wat unf fixed end pt, field, mg/L (00445) | Chloride, water, fltrd, mg/L (00940) |
|-----------------|------------|-----------------------------|--------------------|--------------------------------|---------------------------------------|---|--|--|--------------------------------------|
| 1940-01-11 | MST | T | WG | USGS-WRD | 1028 | 72400 | 77 | 0.0 | 24900 |

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 324920104124101

Minimum number of levels = 1

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

USGS 324920104124101 17S.28E.19.234233

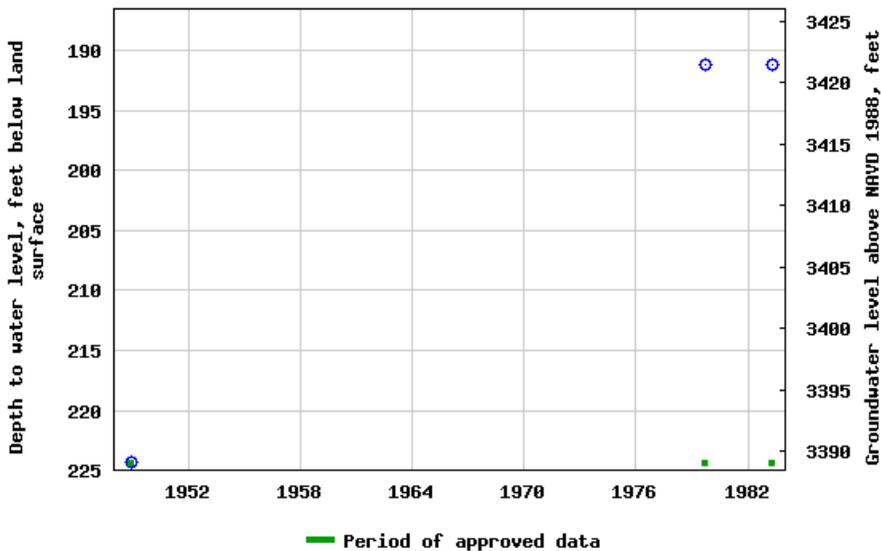
Available data for this site

Eddy County, New Mexico
 Hydrologic Unit Code 13060007
 Latitude 32°49'20", Longitude 104°12'41" NAD27
 Land-surface elevation 3,613 feet above NAVD88
 This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

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

USGS 324920104124101 17S.28E.19.234233



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2020-01-13 12:54:33 EST

0.53 0.47 nadww02

Appendix B

Field Data and Soil Profile Logs



Initial Release Assessment Form

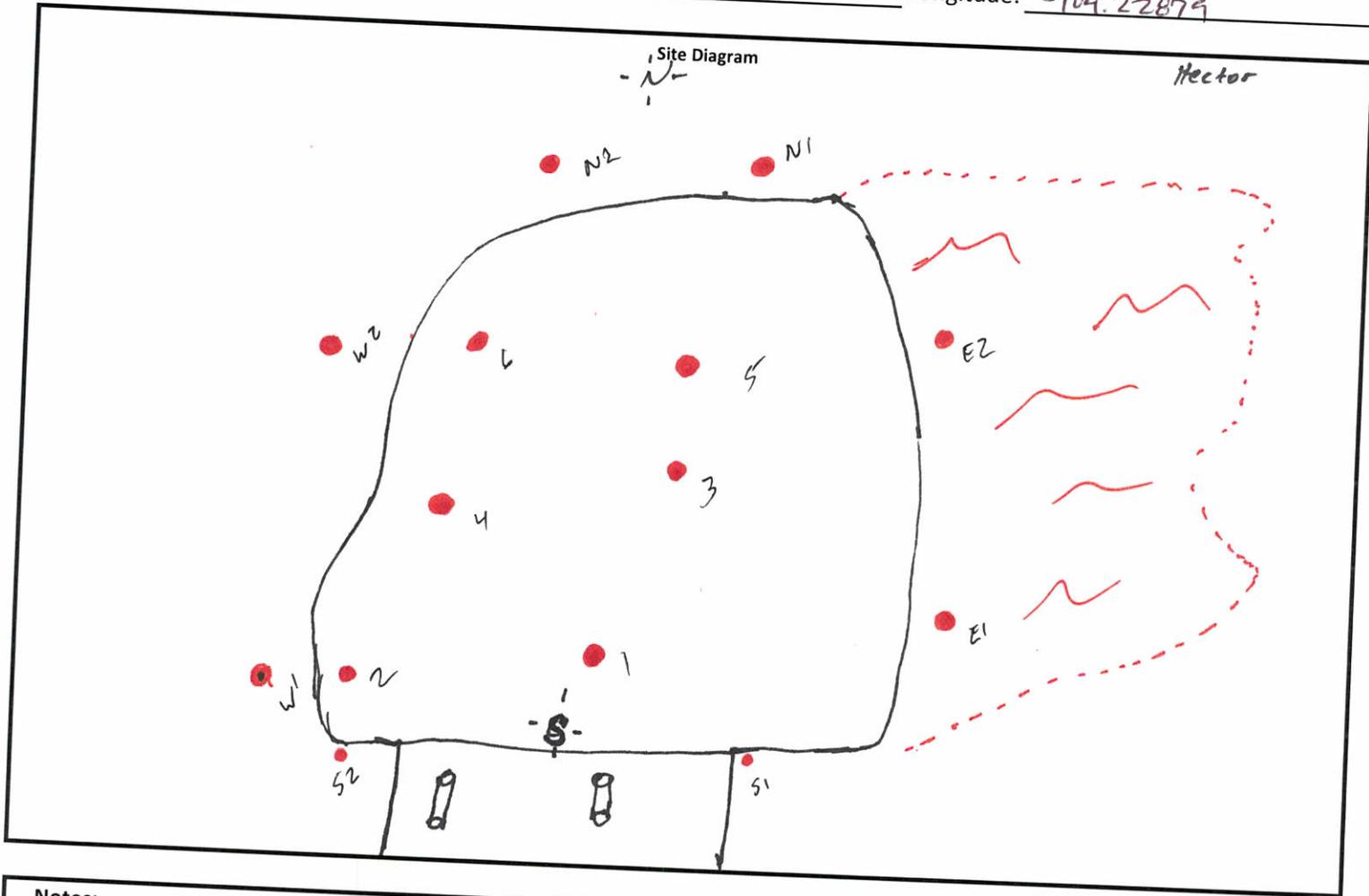
Project: Envron Federal
Project Number: _____

Clean Up Level: _____

Date: 1.16.20

Latitude: 32.80081

Longitude: -104.22879



Notes:
 - - - = burned area
 Conduct ZRA

~Length: 200 ~Width: 200 ~Area: _____ ~Depth: 2'

- 3-4 Representative Pictures of the Affected Area including sample locations?
- Necessary Samples Field Screened and on Ice?
- Sample and Field Screen Data Entered on Sample Log?
- Was horizontal and vertical delineation achieved?

| Yes | No |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |



Sample Log

Project: Enron Federal Battery Date: _____
 Project Number: 11645 Latitude: 32.80081 Longitude: -104.22879

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|---------------|------------|----------------------|-----------------|
| SP1 @ surface | Strong | - | 10:00 |
| SP1 @ 1' | light | 960 | |
| SP2 @ surface | Strong | - | 10:10 |
| SP2 @ 1' | light | 1820 | 11:10 |
| SP3 @ surface | Strong | - | 10:20 |
| SP3 @ 1' | light | 204 | 11:15 |
| SP4 @ surface | Strong | - | 10:30 |
| SP4 @ 1' | light | 2592 | |
| SP5 @ surface | Strong | - | 10:40 |
| SP5 @ 1' | light | 888 | |
| SP6 @ surface | Strong | - | 10:50 |
| SP6 @ 1' | light | 148 | 11:30 |
| SP1 @ 2' | very high | 236 | 11:00 |
| SP2 @ 2' | very light | 528 | |
| SP4 @ 2' | very light | 1948 | |
| SP5 @ 2' | very light | 432 | 11:25 |
| SP4 @ 3' | none | 540 | 11:20 |
| NH1 @ surface | none | 116 | 11:40 |
| NH1 @ 1' | none | 116 | 11:50 |
| NH2 @ surface | none | 168 | 12:00 |
| NH2 @ 1' | none | 116 | 12:10 |
| EH1 @ surface | none | 116 | 12:20 |
| EH1 @ 1' | none | 140 | 12:30 |
| EH2 @ surface | none | 544 | 12:40 |
| EH2 @ 1' | none | 268 | 12:50 |
| SH1 @ surface | none | 1588 | 1:00 |
| SH1 @ 1' | none | 1998 | 1:00 |
| SH2 @ surface | none | 488 1948 | 1:00 |
| SH2 @ 1' | none | 1820 1820 | 1:00 |
| WH1 @ surface | none | 388 | 10:50 |
| WH1 @ 1' | none | 172 | 1:40 |
| WH2 @ surface | none | 120 | 1:50 |
| WH2 @ 1' | none | 120 | 2:00 |
| SH1 @ surface | none | 544 | 2:10 |
| SH1 @ 1' | none | | 2:20 |
| SH2 @ surface | none | 1:0056/2 b @ 1' | none |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = 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

Appendix C

Laboratory Analytical Reports



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

December 31, 2019

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: ENRON FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/26/19 14:30.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 1 @ SURFACE (H904291-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 10400 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 212 | 106 | 200 | 4.37 | | |
| DRO >C10-C28* | 45.2 | 10.0 | 12/28/2019 | ND | 220 | 110 | 200 | 6.65 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 1 @ 2' (H904291-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 624 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/27/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 11.7 | 10.0 | 12/27/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/27/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.0 % 41-142

Surrogate: 1-Chlorooctadecane 91.4 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 2 @ SURFACE (H904291-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4960 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | 94.8 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | 43.9 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 91.0 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

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* = Accredited Analyte

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 2 @ 2' (H904291-04)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 880 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 19.2 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.7 % 41-142

Surrogate: 1-Chlorooctadecane 94.7 % 37.6-147

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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: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 3 @ SURFACE (H904291-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.355 | 0.200 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | 13.0 | 0.200 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | 22.1 | 0.200 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | 24.5 | 0.600 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | 60.0 | 1.20 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13600 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | 368 | 50.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | 3300 | 50.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | 791 | 50.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 144 % 41-142

Surrogate: 1-Chlorooctadecane 170 % 37.6-147

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 Fax To: (575) 396-1429

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 3 @ 1' (H904291-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.7 % 41-142

Surrogate: 1-Chlorooctadecane 91.6 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 4 @ SURFACE (H904291-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | 0.138 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | 0.352 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | 0.474 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | 0.964 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 11800 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 18.2 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 1380 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | 274 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.5 % 41-142

Surrogate: 1-Chlorooctadecane 133 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 4 @ 3' (H904291-08)

| 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 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 560 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 16.9 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 41-142

Surrogate: 1-Chlorooctadecane 98.3 % 37.6-147

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|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 5 @ SURFACE (H904291-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|-----------------------|-------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 14.6 | 5.00 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | 320 | 5.00 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | 438 | 5.00 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | 460 | 15.0 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | 1230 | 30.0 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | S-04 | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 7730 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|----------------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 12900 | 50.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 39300 | 50.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | 5790 | 50.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 621 % 41-142

Surrogate: 1-Chlorooctadecane 843 % 37.6-147

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|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 5 @ 2' (H904291-10)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | 0.263 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | 0.161 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | 0.424 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.5 % 41-142

Surrogate: 1-Chlorooctadecane 93.1 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 6 @ SURFACE (H904291-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | 0.064 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | 0.065 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | 15.1 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 41-142

Surrogate: 1-Chlorooctadecane 95.5 % 37.6-147

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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: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SP 6 @ 1' (H904291-12)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.2 % 41-142

Surrogate: 1-Chlorooctadecane 94.4 % 37.6-147

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Analytical Results For:

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: NH 1 @ SURFACE (H904291-13)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | |
| Toluene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/27/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | |
| Total Xylenes* | <0.150 | 0.150 | 12/27/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | |
| Total BTEX | <0.300 | 0.300 | 12/27/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.3-129

| 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 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 41-142

Surrogate: 1-Chlorooctadecane 94.6 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: NH 1 @ 1' (H904291-14)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.3-129

| 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 | 12/27/2019 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 84.5 % 41-142

Surrogate: 1-Chlorooctadecane 89.0 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: NH 2 @ SURFACE (H904291-15)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.3-129

| 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 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.9 % 41-142

Surrogate: 1-Chlorooctadecane 96.1 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: NH 2 @ 1' (H904291-16)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.1 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: EH 1 @ SURFACE (H904291-17)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 82.0 | 2.00 | 14.7 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.64 | 81.8 | 2.00 | 14.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.67 | 83.7 | 2.00 | 14.5 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.86 | 81.0 | 6.00 | 15.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.4 % 41-142

Surrogate: 1-Chlorooctadecane 91.4 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: EH 1 @ 1' (H904291-18)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.1 % 41-142

Surrogate: 1-Chlorooctadecane 92.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: EH 2 @ SURFACE (H904291-19)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1650 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.9 % 41-142

Surrogate: 1-Chlorooctadecane 89.2 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 396-1429

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: EH 2 @ 1' (H904291-20)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.8 % 41-142

Surrogate: 1-Chlorooctadecane 96.0 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 396-1429

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SH 1 b @ SURFACE (H904291-21)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 12/27/2019 | 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 | 12/28/2019 | ND | 214 | 107 | 200 | 2.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2019 | ND | 225 | 112 | 200 | 2.30 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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 Fax To: (575) 396-1429

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SH 1b @ 1' (H904291-22)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.3 % 41-142

Surrogate: 1-Chlorooctadecane 96.3 % 37.6-147

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SH 2 b @ SURFACE (H904291-23)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.2 % 41-142

Surrogate: 1-Chlorooctadecane 97.5 % 37.6-147

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Analytical Results For:

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| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: SH 2 b @ 1' (H904291-24)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | 0.456 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | 0.456 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | |
| DRO >C10-C28* | 13.7 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 41-142

Surrogate: 1-Chlorooctadecane 95.8 % 37.6-147

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Analytical Results For:

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|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: WH 1 @ SURFACE (H904291-25)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.3-129

| 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 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.0 % 41-142

Surrogate: 1-Chlorooctadecane 97.2 % 37.6-147

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|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: WH 1 @ 1' (H904291-26)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 41-142

Surrogate: 1-Chlorooctadecane 88.7 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: WH 2 @ SURFACE (H904291-27)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.3-129

| 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 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 41-142

Surrogate: 1-Chlorooctadecane 90.7 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/26/2019 | Sampling Date: | 12/20/2019 |
| Reported: | 12/31/2019 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Tamara Oldaker |
| Project Location: | GRIZZLY - EDDY CO NM | | |

Sample ID: WH 2 @ 1' (H904291-28)

| 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 | 12/28/2019 | ND | 1.67 | 83.6 | 2.00 | 13.4 | |
| Toluene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.66 | 82.9 | 2.00 | 13.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2019 | ND | 1.70 | 84.8 | 2.00 | 12.9 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2019 | ND | 4.93 | 82.2 | 6.00 | 13.0 | |
| Total BTEX | <0.300 | 0.300 | 12/28/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/27/2019 | 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 | 12/29/2019 | ND | 207 | 104 | 200 | 0.864 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/29/2019 | ND | 229 | 115 | 200 | 0.741 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/29/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 41-142

Surrogate: 1-Chlorooctadecane 92.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-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

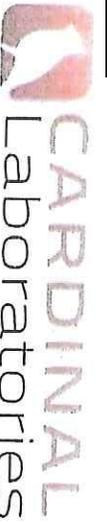
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1083

Company Name: Eteck Environmental
 Project Manager: Soel Lowry
 Address: 3160 Pleias Hwy
 City: Lovington State: NM zip: 88240
 Phone #: 432-444-4450 Fax #: _____
 Project #: 11645 Project Owner: Grizzly
 Project Name: Enron Federal Battery
 Project Location: Eddy Co, New Mexico
 Sampler Name: Miguel Ramirez
 P.O. #: Grizzly
 Company: _____
 Attn: Carmen Pitt
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | Chloride | TPH | BTEX 8021 | ANALYSIS REQUEST | | | |
|----------|-----------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|------|----------|-----|-----------|------------------|------------|---------|----------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | | | ACID/BASE: | ICE / COOL | OTHER : | PRESERV. |
| H904291 | 1 SP1 @ surface | G | 1 | X | | | | | | | | | | | | | | |
| | 2 SP1 @ 2' | G | 1 | X | | | | | | | | | | | | | | |
| | 3 SP2 @ surface | G | 1 | X | | | | | | | | | | | | | | |
| | 4 SP2 @ 2' | G | 1 | X | | | | | | | | | | | | | | |
| | 5 SP3 @ surface | G | 1 | X | | | | | | | | | | | | | | |
| | 6 SP3 @ 1' | G | 1 | X | | | | | | | | | | | | | | |
| | 7 SP4 @ surface | G | 1 | X | | | | | | | | | | | | | | |
| | 8 SP4 @ 3' | G | 1 | X | | | | | | | | | | | | | | |
| | 9 SP5 @ surface | G | 1 | X | | | | | | | | | | | | | | |
| | 10 SP5 @ 2' | G | 1 | X | | | | | | | | | | | | | | |

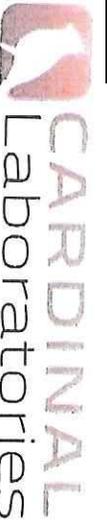
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Relinquished By: [Signature] Date: 12-24-19
 Received By: [Signature] Date: 12-24-19
 Time: 15:41:30

Delivered By: (Circle One) -SSE Sample Condition #497 CHECKED BY: _____
 Cooler Intact Yes No
 Sampler - UPS - Bus - Other: Corrected - SSE Yes No

REMARKS: email results to joel@eteckenv.com
 Add'l Phone #: _____
 Add'l Fax #: _____
 Phone Result: Yes No
 Fax Result: Yes No
Joel @ eteckenv.com

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476
 Form-006 R 2.0



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

| | | | |
|---|--|--|--|
| Company Name: Eteck Environmental Project Manager: Joel Lower Address: 3100 Plains Hwy City: Levington State: NM Zip: 88260 Phone #: 432-446-4450 Fax #: Project #: 11645 Project Owner: Project Name: Enron Palera Battery Project Location: Eldy Co, New Mexico Sampler Name: Miguel Ramirez | | P.O. #: Grizzly Company: Attn: Cameron P.H Address: City: State: Zip: Phone #: Fax #: | |
| Lab I.D. H904291 | | Sample I.D. | |
| FOR LAB USE ONLY | | MATRIX | |
| (G)RAB OR (C)OMP. | | PRESERV. | |
| # CONTAINERS | | SAMPLING | |
| GROUNDWATER | | DATE | |
| WASTEWATER | | TIME | |
| SOIL | | Chloride | |
| OIL | | TPH | |
| SLUDGE | | BTEX 8021 | |
| OTHER: | | Add'l Phone #: | |
| ACID/BASE: | | Add'l Fax #: | |
| ICE / COOL | | REMARKS: | |
| OTHER: | | email results to | |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | Chloride | TPH | BTEX 8021 |
|----------|------------------|-------------------|--------------|-------------|------------|------|-----|--------|--------|------------|------------|--------|----------|-------|----------|-----|-----------|
| | 11 SP6 @ surface | 1 | 1 | | | X | | | | | | | 8-20-19 | 10:50 | X | X | X |
| | 12 SP6 @ 1' | 1 | 1 | | | X | | | | | | | 8-20-19 | 11:30 | X | X | X |
| | 13 KH @ surface | 1 | 1 | | | X | | | | | | | 12-20-19 | 11:40 | X | X | X |
| | 14 NH @ 1' | 1 | 1 | | | X | | | | | | | 10-20-19 | 11:50 | X | X | X |
| | 15 NH @ surface | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:00 | X | X | X |
| | 16 NH @ 1' | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:10 | X | X | X |
| | 17 KH @ surface | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:20 | X | X | X |
| | 18 KH @ 1' | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:30 | X | X | X |
| | 19 KH @ surface | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:40 | X | X | X |
| | 20 KH @ 1' | 1 | 1 | | | X | | | | | | | 12-20-19 | 12:50 | X | X | X |

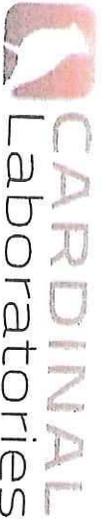
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Relinquished By: *[Signature]* Date: **12-20-19** Time: **14:30**
 Received By: *[Signature]* Date: **12-20-19** Time: **12:50**

Delivered By: (Circle One) **-S.S.C** Sample Condition: **#97** Cool Intact
 Sampler - UPS - Bus - Other: **Consistent -S.S.C** Yes No

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476
 FORM-006 R 2.0

33 fo 33 ebad



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

Company Name: Eteck Environmental
 Project Manager: Soel Lowry
 Address: 3100 Plains Hwy
 City: Livingston State: NM zip: 88260
 Phone #: 432-446-4450 Fax #: _____
 Project #: 11645 Project Owner: Garry
 Project Name: Winn Federal Building
 Project Location: Garry Co, New Mexico
 Sampler Name: Miguel Ramirez
 P.O. #: Grizzly
 Company: _____
 Attn: Carmen P44
 Address: _____
 City: _____
 State: _____ zip: _____
 Phone #: _____
 Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | PRESERV. | SAMPLING | DATE | TIME | Chloride | TPH | BTEX 8021 | ANALYSIS REQUEST |
|----------|-----------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------------|----------|----------|-------|------|----------|-----|-----------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | | | | | | | | |
| H904291 | | | | | | | | | | | | | | | | | | |
| 21 | SH1 b @ surface | | 1 | | | | | | | | | 12-30-19 | 2:10 | X | X | X | | |
| 22 | SH1 b @ 1' | | 1 | | | | | | | | | 12-30-19 | 2:20 | X | X | X | | |
| 23 | SH2 b @ surface | | 1 | | | | | | | | | 12-30-19 | 1:00 | X | X | X | | |
| 24 | SH2 b @ 1' | | 1 | | | | | | | | | 12-30-19 | 1:30 | X | X | X | | |
| 25 | WH1 @ surface | | 1 | | | | | | | | | 12-30-19 | 10:50 | X | X | X | | |
| 26 | WH1 @ 1' | | 1 | | | | | | | | | 12-30-19 | 1:40 | X | X | X | | |
| 27 | WH2 @ surface | | 1 | | | | | | | | | 12-20-19 | 1:50 | X | X | X | | |
| 28 | WH2 @ 1' | | 1 | | | | | | | | | 12-20-19 | 2:00 | X | X | X | | |

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Relinquished By: _____ Date: 12-26-19 Time: _____
 Received By: _____ Date: 12-30 Time: 14:30
 Delivered By: (Circle One) -S.S.C Sample Condition: #97 CHECKED BY: _____
 Sampler - UPS - Bus - Other: Connected - S.S.C Cool Intact: Yes Yes No
 REMARKS: email results to jsoel@eteckenv.com
lawis@eteckenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476
 Form-005 R 2.0



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

January 20, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: ENRON FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/16/20 16:20.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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: | 01/16/2020 | Sampling Date: | 01/16/2020 |
| Reported: | 01/20/2020 | Sampling Type: | Soil |
| Project Name: | ENRON FEDERAL BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 11645 | Sample Received By: | Jodi Henson |
| Project Location: | GRIZZLY UL/O SEC25 T17S R27E | | |

Sample ID: SP 1 @ 3' (H000173-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 01/20/2020 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: SP 2 @ 3' (H000173-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 01/20/2020 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: EH2 b @ SURFACE (H000173-03)

| 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 | 01/20/2020 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: EH2 b @ 1' (H000173-04)

| 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 | 01/20/2020 | ND | 416 | 104 | 400 | 3.77 | |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

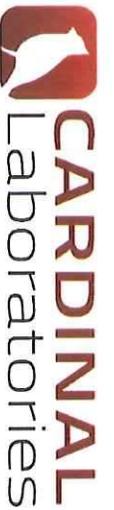
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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | |
|---|---|---|---|-----------------------------|--|-------------------------|---------|------------------------------|---|--|--|
| Company Name: Grizzly Energy, LLC Project Manager: Lance Crenshaw Address: 3100 Plains Hwy City: Lovington State: NM Zip: 88260 Phone #: 575-396-2378 Fax #: 575-396-1429 Project #: 11645 Project Owner: Grizzly Energy, LLC Project Name: Enron Federal Battery Project Location: U/L O Sec 25 T17S - R27E Sampler Name: Miguel Ramirez <small>FOR LAB USE ONLY</small> | | P.O. #: Company: Eltech Environmental Attn: Lance Crenshaw Address: P.O. Box 301 City: Lovington State: NM Zip: 88260 Phone #: 575-396-2378 Fax #: 575-396-1429 | | BILL TO | | ANALYSIS REQUEST | | | | | |
| Lab I.D. H000173 Sample I.D. 1 2 3 4 | | (G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : | | MATRIX PRESERV. SAMPLING | | DATE TIME | | Chloride TPH BTEX 8021 | | | |
| SP1@3' | G | 1 | X | | | | 1/16/20 | 12:00 | X | | |
| SP2@3' | G | 1 | X | | | | 1/16/20 | 12:30 | X | | |
| EH2b@Surf | G | 1 | X | | | | 1/16/20 | 13:30 | X | | |
| EH2b@1' | G | 1 | X | | | | 1/16/20 | 14:00 | X | | |

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Reinquinshed By: *[Signature]* **Date:** 1/16/20 **Time:** 4:20
Received By: *[Signature]*
Delivered By: (Circle One) UPS - Bus - Other: -D.8e #113
Sample Condition: Cool Intact Yes No
Checked By: *[Signature]*
REMARKS: Email results to lance@etechnv.com
Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

Appendix D

Photographic Log

Photographic Log



Photographic Log

| | |
|---|---|
| Photo Number: #3 |  |
| Photo Direction: Northeast | |
| Photo Description: Release area | |

| | |
|---|--|
| Photo Number: #4 |  |
| Photo Direction: Southwest | |
| Photo Description: Release area | |