

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

Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>230</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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

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

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

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

State of New Mexico
Oil Conservation Division

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

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: Ralph TijerinaTitle: EHS DirectorSignature: Date: 8/27/19email: rtijerina@goodnightmidstream.comTelephone: 214-587-4964OCD Only

Received by: _____

Date: _____

State of New Mexico
Oil Conservation Division

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

Remediation Plan

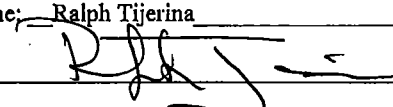
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: Ralph TijerinaTitle: EHS DirectorSignature: Date: 9/30/19email: rtijerina@goodnightmidstream.comTelephone: 214-587-4964**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____

Date: _____

Site Assessment Report and Proposed Remediation Workplan

Goodnight Midstream Permian, LLC Serrano

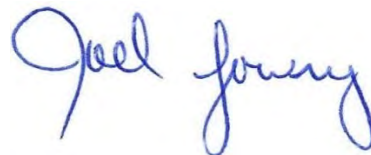
Lea County, New Mexico
Unit Letter "C", Section 28, Township 23 South, Range 35 West
Latitude 32.279828 North, Longitude 103.373337 West
NMOCD Reference No. 1RP-5610

Prepared By:

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



Daniel Dominguez



Joel W. Lowry



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- Appendix B - Field Data and Soil Profile Logs
- Appendix C - Laboratory Analytical Reports
- Appendix D - Photographic Log

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC, has prepared this Site Assessment Report and Proposed Remediation Plan for the Release Site known as the Serrano. Details of the release are summarized below:

Location of Release Source

Latitude: 32.279828 Longitude: -103.373337

Provided GPS are in WGS84 format.

| | | | |
|--------------------------|-----------|------------------------|-----|
| Site Name: | Serrano | Site Type: | SWD |
| Date Release Discovered: | 6/28/2019 | API # (if applicable): | |

| | | | | |
|-------------|---------|----------|-------|--------|
| Unit Letter | Section | Township | Range | County |
| "C" | 28 | 23S | 35W | Lea |

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

Nature and Volume of Release

| | | |
|--|---|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 768 | Volume Recovered (bbls) 100 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:

A hose break caused the release. Entire release was contained within primary and secondary containment on the pad.

Initial Response

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

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? | ~ 230 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 the incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production or storage site? | <input type="checkbox"/> Yes | <input checked="" 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 |
| ~ 230 Ft. | Chloride | EPA 300.0 or SM4500 Cl B | 20000 mg/kg |
| | TPH (GRO + DRO + MRO) | EPA SW-846 Method 8015M Ext | 2500 mg/kg |
| | DRO + GRO | EPA SW-846 Method 8015M | 1000 mg/kg |
| | BTEX | EPA SW-846 Methods 8021b or 8260b | 50 mg/kg |
| | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 mg/kg |

4.0 INITIAL SITE ASSESSMENT

Upon discovering the release, a surface scrape was conducted within the affected area in an effort to limit the migration of contaminants pending further remediation.

Between **July 3** and **July 15, 2019**, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores (**SP #1 through SP #32**) were advanced within the release margins in an effort to determine the vertical extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit. Based on the volume of the release, hand-augered soil bores were advanced until field test results suggested concentrations of chloride were below 600 mg/kg. A "Site & Sample Location Map" is provided as Figure 3. Field data and soil profile logs, if applicable, are provided as Appendix B.

In addition, hand-augered soil bores (**NH 1, NH 2, SH 1, SH 2, EH 1, EH 2, WH 1 and WH 2**) 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 concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, **eighty (80)** delineation soil samples were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond 1 Ft. bgs and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Goodnight Midstream Permian, 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 SP #3 through SP #5, SP #8 through SP #12, SP #14, SP #15, SP #18 through SP #20 and SP #23 through SP #30.
- Impacted soil adjacent to and/or beneath active above ground equipment will be excavation by hand to the maximum extent practicable.
- 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 material.
- Excavation backfill will be compacted and graded to meet the needs of the facility.
- 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 **750 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 **2,770 cubic yards** 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. The affected area was limited to an active caliche production pad; re-vegetation will be conducted at final reclamation upon decommissioning and abandoning the facility.

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 Goodnight Midstream Permian, LLC. Use of the information contained in this report is prohibited within the consent of Etech and/or Goodnight Midstream Permian, LLC.

10.0 DISTRIBUTION

Goodnight Midstream Permian, LLC

5910 N Central Expy

Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

1625 French Drive

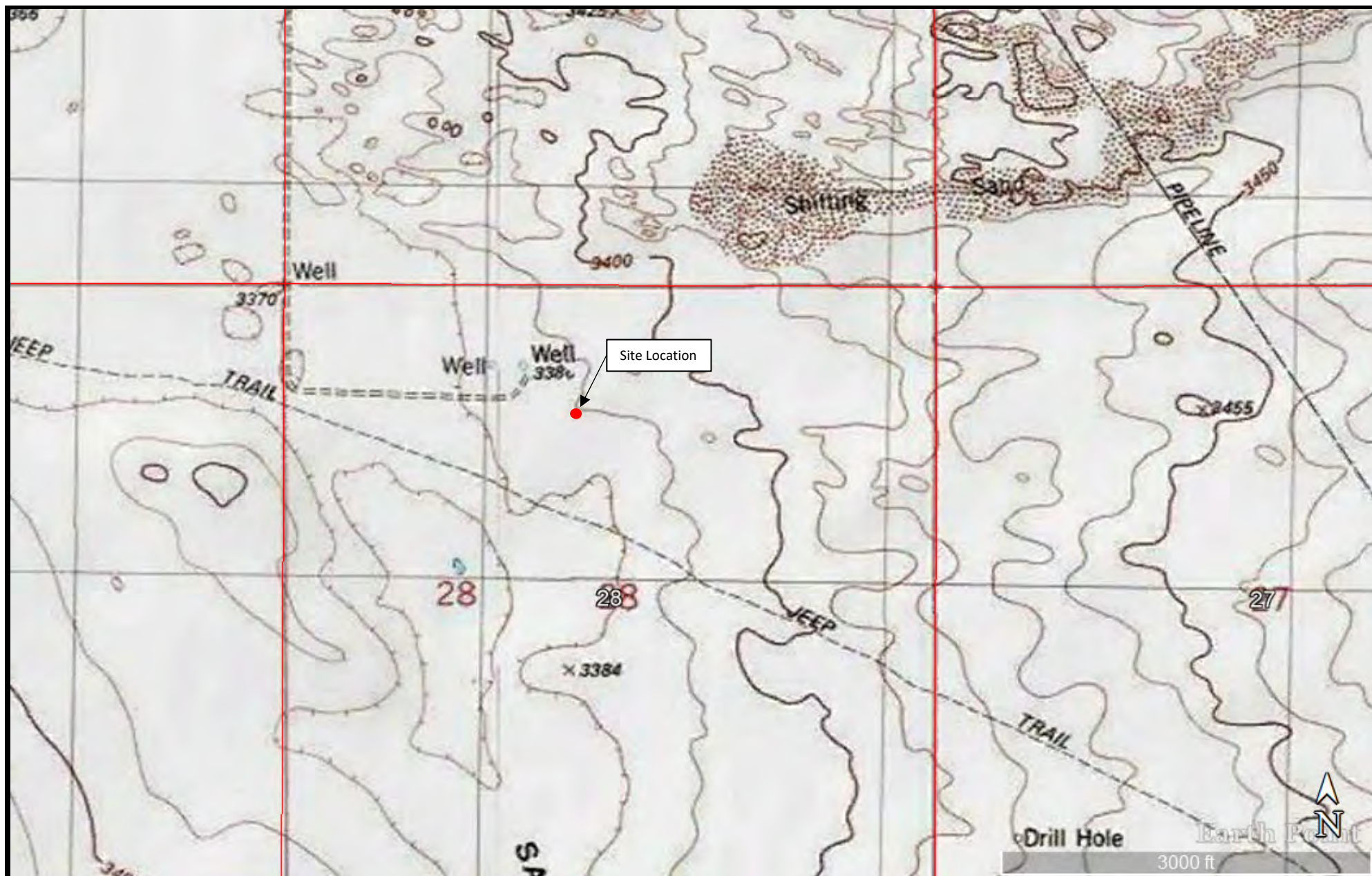
Hobbs, NM 88240

Etech Environmental & Safety Solutions, Inc

3100 Plains Highway

Lovington, NM 88260

Figure 1
Topographic Map



| | |
|---------|---------------|
| Legend: | |
| ● | Site Location |

Figure 1
 Topographic Map
 Goodnight Midstream Permian, LLC
 Serrano
 GPS: 32.279828, -103.373337
 Lea County

| | | |
|---|--------------|---------------|
|  | | |
| Drafted: | Checked: jwl | Date: 8/23/19 |

Figure 2
Aerial Proximity Map



Legend:





| | | | |
|--|---------------------|--|-------------------------|
| ● | Site Location |  | Non-Industrial Building |
| ○ | Fresh Water Well |  | Subsurface Mine |
|  | 100-Year Floodplain | | 1/2 Mile Radius |
|  | High/Critical Karst | | |

Figure 2
 Aerial Proximity Map
 Goodnight Midstream Permian, LLC
 Serrano
 GPS: 32.279828, -103.373337
 Lea County



eTECH
Environmental & Safety Solutions, Inc.

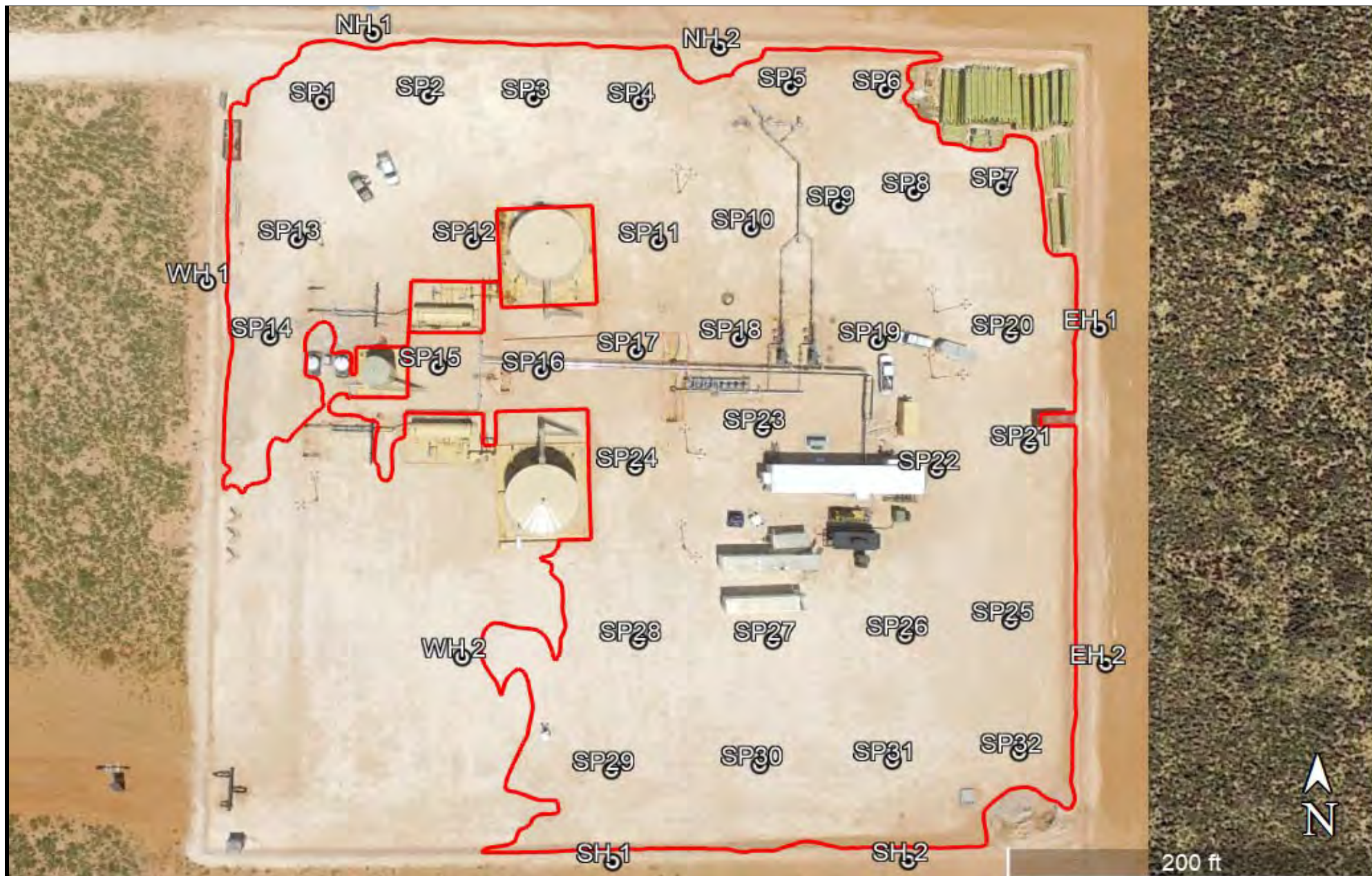


Drafted:

Checked: jwl

Date: 8/23/19

Figure 3
Site and Sample Location Map



| | |
|----------------|---------------|
| Legend: | |
| ⊙ | Sample Point |
| ○ | Affected Area |

Figure 3
 Site and Sample Location Map
 Goodnight Midstream Permian, LLC
 Serrano
 GPS: 32.279828, -103.373337
 Lea County




Environmental & Safety Solutions, Inc.

| | | |
|----------|--------------|---------------|
| Drafted: | Checked: jwl | Date: 8/26/19 |
|----------|--------------|---------------|

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

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
GOODNIGHT MIDSTREAM PERMIAN, LLC.
SERRANO

| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | FIELD CHLORIDE (mg/Kg) | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | | 4500 Cl-B |
|-----------------|--------------------|-------------|-------------|------------------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₀ (mg/Kg) | DRO C ₁₀ -C ₂₈ (mg/Kg) | ORO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₃₅ (mg/Kg) | CHLORIDE (mg/Kg) |
| SP 1 | Surface | 03-Jul-19 | Excavated | 14,808 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13,000 |
| | 1' | 08-Jul-19 | In-Situ | <108 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2' | 08-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 2 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15,200 |
| | 1' | 08-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| SP 3 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 26,000 |
| | 1' | 08-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| SP 4 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 47,200 |
| | 1' | 08-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| SP 5 | Surface | 03-Jul-19 | Excavated | 27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 42,400 |
| | 1' | 08-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 6 | Surface | 03-Jul-19 | Excavated | 6,560 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7,600 |
| | 1' | 08-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| SP 7 | Surface | 03-Jul-19 | Excavated | 6,560 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8,660 |
| | 1' | 08-Jul-19 | In-Situ | 164 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 8 | Surface | 03-Jul-19 | Excavated | 20,520 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30,800 |
| | 1' | 08-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 9 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 46,400 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 10 | Surface | 03-Jul-19 | Excavated | 23,508 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 31,200 |
| | 1' | 08-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 11 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 88,800 |
| | 1' | 08-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| SP 12 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 26,000 |
| | 1' | 08-Jul-19 | In-Situ | 320 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 13 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 88,000 |
| | 1' | 08-Jul-19 | In-Situ | 1,728 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2' | 08-Jul-19 | In-Situ | 1,728 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3' | 08-Jul-19 | In-Situ | 1,728 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4' | 08-Jul-19 | In-Situ | 1,728 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5' | 08-Jul-19 | In-Situ | 1,728 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6' | 08-Jul-19 | In-Situ | 456 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SP 14 | Surface | 03-Jul-19 | Excavated | 23,508 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 22,600 |
| | 1' | 15-Jul-19 | In-Situ | 556 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 352 |
| SP15 | Surface | 03-Jul-19 | Excavated | 16,356 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30,400 |
| | 1' | 15-Jul-19 | In-Situ | 164 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 176 |

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
GOODNIGHT MIDSTREAM PERMIAN, LLC.
SERRANO

| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | FIELD CHLORIDE (mg/Kg) | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | | 4500 Cl-B |
|-----------------|--------------------|-------------|-------------|------------------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₀ (mg/Kg) | DRO C ₁₀ -C ₂₈ (mg/Kg) | ORO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₃₅ (mg/Kg) | CHLORIDE (mg/Kg) |
| SP16 | Surface | 03-Jul-19 | Excavated | 13,484 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,800 |
| | 1' | 15-Jul-19 | In-Situ | 2,428 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2' | 15-Jul-19 | In-Situ | 280 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| SP 17 | Surface | 03-Jul-19 | Excavated | 604 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 560 |
| | 1' | 15-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 18 | Surface | 03-Jul-19 | Excavated | 23,508 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 53,600 |
| | 1' | 15-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 19 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 48,000 |
| | 1' | 15-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 608 |
| SP 20 | Surface | 03-Jul-19 | Excavated | 20,520 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23,000 |
| | 1' | 15-Jul-19 | In-Situ | 200 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| SP 21 | Surface | 03-Jul-19 | Excavated | 14,808 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 17,200 |
| | 1' | 15-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 22 | Surface | 03-Jul-19 | Excavated | 2,280 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3,440 |
| | 1' | 15-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 23 | Surface | 03-Jul-19 | Excavated | 12,340 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24,800 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| SP 24 | Surface | 03-Jul-19 | Excavated | >27680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 32,400 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 25 | Surface | 03-Jul-19 | Excavated | 27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 46,400 |
| | 1' | 15-Jul-19 | In-Situ | 364 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 26 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 40,000 |
| | 1' | 15-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| SP 27 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 78,400 |
| | 1' | 15-Jul-19 | In-Situ | 280 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 18.4 | 33.5 | 52 | 16 |
| SP 28 | Surface | 03-Jul-19 | Excavated | 23,508 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 26,800 |
| | 1' | 15-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| SP 29 | Surface | 03-Jul-19 | Excavated | 13,484 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15,600 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP 30 | Surface | 03-Jul-19 | Excavated | 23,508 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34,400 |
| | 1' | 15-Jul-19 | In-Situ | 280 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| SP 31 | Surface | 03-Jul-19 | Excavated | >27,680 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92,800 |
| | 1' | 15-Jul-19 | In-Situ | 716 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2' | 15-Jul-19 | In-Situ | 408 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 80 |
| SP 32 | Surface | 03-Jul-19 | Excavated | 7,076 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10,600 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |

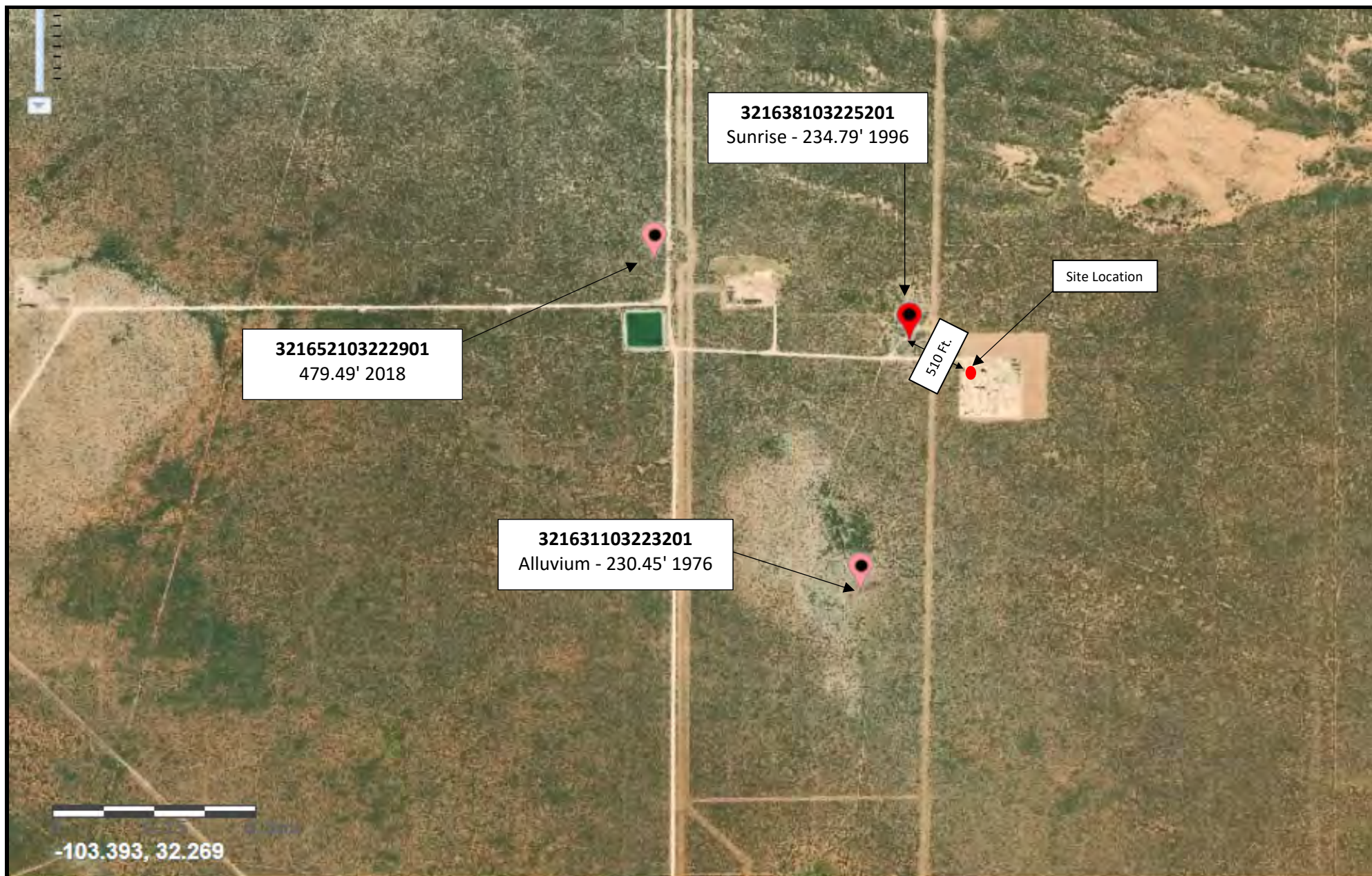
TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
GOODNIGHT MIDSTREAM PERMIAN, LLC.
SERRANO

| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | FIELD CHLORIDE (mg/Kg) | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | | 4500 Cl-B |
|----------------------------------|--------------------|-------------|-------------|------------------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₀ (mg/Kg) | DRO C ₁₀ -C ₂₈ (mg/Kg) | ORO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₃₅ (mg/Kg) | CHLORIDE (mg/Kg) |
| NH 1 | Surface | 03-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| | 1' | 15-Jul-19 | In-Situ | 164 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| NH 2 | Surface | 03-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| | 1' | 15-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | <16.0 |
| SH 1 | Surface | 03-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| | 1' | 15-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | <16.0 |
| SH 2 | Surface | 03-Jul-19 | In-Situ | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| | 1' | 15-Jul-19 | In-Situ | 108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| EH 1 | Surface | 03-Jul-19 | In-Situ | 200 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 96 |
| | 1' | 15-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | <16.0 |
| EH 2 | Surface | 03-Jul-19 | In-Situ | 136 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 48 |
| | 1' | 15-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| WH 1 | Surface | 03-Jul-19 | In-Situ | 364 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 144 |
| | 1' | 15-Jul-19 | In-Situ | <108 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| WH 2 | Surface | 03-Jul-19 | In-Situ | 556 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 352 |
| | 1' | 15-Jul-19 | In-Situ | 200 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 16 |
| NMOCD Regulatory Standard | | | | | 10 | | | | 50 | | | | 2,500 | 20,000 |

-- = Not analyzed.

Appendix A

Depth to Groundwater Information



Legend:

- Site Location
- USGS Well

Figure 5
 USGS Well Proximity Map
 Goodnight Midstream Permian, LLC
 Serrano
 GPS: 32.279828, -103.373337
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: Checked: jwl Date: 8/23/19



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 | Code | POD Sub-basin | County | Q | Q | Q | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|------|---------------|--------|---|---|---|-----|-----|-----|--------|---------|----------|-----------|------------|--------------|
| CP 01099 POD2 | | CP | LE | 1 | 1 | 1 | 28 | 23S | 35E | 652471 | 3572934 | 784 | 750 | 120 | 630 |

Average Depth to Water: 120 feet

Minimum Depth: 120 feet

Maximum Depth: 120 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 653187.45

Northing (Y): 3572614.72

Radius: 1608

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8/23/19 10:56 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 | |
| 221C0 | CP 01099 POD2 | 1 | 1 | 1 | 28 | 23S | 35E | 652471 | 3572934 |  |
| x | | | | | | | | | | |
| Driller License: | | 1706 | | Driller Company: | | | ELITE DRILLERS CORPORATION | | | |
| Driller Name: | | WALLACE, BRYCE J.LEE.NER | | | | | | | | |
| Drill Start Date: | | 01/10/2019 | | Drill Finish Date: | | | 01/13/2019 | | Plug Date: | |
| Log File Date: | | 01/24/2019 | | PCW Rev Date: | | | | | Source: Shallow | |
| Pump Type: | | | | | Pipe Discharge Size: | | | Estimated Yield: 90 GPM | | |
| Casing Size: | | 7.60 | | Depth Well: | | | 750 feet | | Depth Water: 120 feet | |
| x | | | | | | | | | | |
| Water Bearing Stratifications: | | | | | Top | Bottom | Description | | | |
| | | | | | 115 | 220 | Sandstone/Gravel/Conglomerate | | | |
| | | | | | 580 | 600 | Sandstone/Gravel/Conglomerate | | | |
| | | | | | 600 | 740 | Other/Unknown | | | |
| x | | | | | | | | | | |
| Casing Perforations: | | | | | Top | Bottom | | | | |
| | | | | | 460 | 750 | | | | |
| x | | | | | | | | | | |

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[USGS Water Resources](#)

| | | |
|----------------|------------------|----|
| Data Category: | Geographic Area: | |
| Groundwater | United States | GO |

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321652103222901

Minimum number of levels = 1

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

USGS 321652103222901 23S.35E.28.124

Lea County, New Mexico

Latitude 32°16'51.8", Longitude 103°22'29.1" NAD83

Land-surface elevation 3,388 feet above NAVD88

The depth of the well is 5,300 feet below land surface.

Output formats

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

| Date | Time | ? Water-level date- time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water- level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measur |
|----------------------------|---------------------------|---|---|---|---------------------------------|----------------------------------|-------------------|-------------------------------|--------------------------|--------------------------|
| 2012-11-29 | 14:50 MST | m | 536.09 | | | | 2 | | T | USGS |
| 2013-06-24 | 14:40 MDT | m | 529.82 | | | | 2 | | T | USGS |
| 2013-09-09 | 13:45 MDT | m | 527.73 | | | | 2 | | T | USGS |
| 2013-12-02 | 13:20 MST | m | 526.05 | | | | 2 | | T | USGS |
| 2014-03-17 | 12:55 MDT | m | 525.52 | | | | 2 | | T | USGS |
| 2014-06-30 | 13:35 MDT | m | 520.42 | | | | 2 | | T | USGS |
| 2014-09-29 | 13:30 MDT | m | 520.81 | | | | 2 | | T | USGS |
| 2014-12-01 | 13:45 MST | m | 519.81 | | | | 2 | | T | USGS |
| 2015-03-27 | 10:00 MDT | m | 517.51 | | | | 2 | | T | USGS |
| 2015-05-18 | 13:10 MDT | m | 515.97 | | | | 2 | | T | USGS |
| 2015-09-28 | 12:55 MDT | m | 510.56 | | | | 2 | | T | USGS |
| 2015-12-01 | 12:55 MST | m | 509.01 | | | | 2 | | T | USGS |
| 2016-03-21 | 10:45 MDT | m | 508.91 | | | | 2 | | T | USGS |
| 2016-06-29 | 14:00 MDT | m | 508.99 | | | | 2 | | T | USGS |
| 2016-09-21 | 12:05 MST | m | 506.50 | | | | 2 | | T | USGS |
| 2016-12-12 | 12:10 MST | m | 503.34 | | | | 2 | | V | USBLM |
| 2017-03-09 | 12:45 MST | m | 499.45 | | | | 2 | | V | USBLM |
| 2017-06-12 | 11:55 MDT | m | 495.72 | | | | 2 | | V | USBLM |
| 2017-10-19 | 16:15 MDT | m | 490.47 | | | | 2 | | V | USBLM |
| 2017-12-14 | 13:59 MST | m | 490.40 | | | | 2 | | V | USBLM |
| 2018-03-26 | 13:37 MDT | m | 486.38 | | | | 2 | | V | USBLM |
| 2018-06-25 | 12:48 MDT | m | 484.93 | | | | 2 | | V | USBLM |

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measur |
|------------|-----------|---|---|---|---------------------------------|------------------------------|-------------|-------------------------------|--------------------------|--------------------------|
| 2018-10-29 | 14:50 MDT | | m | 479.49 | | 2 | | V | USBLM | |

Explanation

| Section | Code | Description |
|--------------------------------|-------|---|
| Water-level date-time accuracy | m | Date is accurate to the Minute |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | T | Electric-tape measurement. |
| Method of measurement | V | Calibrated electric-tape measurement. |
| Measuring agency | USBLM | U.S. Bureau of Land Management |
| Measuring agency | USGS | U.S. Geological Survey |
| Source of measurement | R | Reported by person other than the owner, driller, or another government agency. |
| Source of measurement | S | Measured by personnel of reporting agency. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2019-08-23 13:00:48 EDT

0.68 0.62 nadww01





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| Data Category: | Geographic Area: | |
| Groundwater | United States | GO |

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Agency code = usgs

site_no list =

- 321631103223201

Minimum number of levels = 1

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USGS 321631103223201 23S.35E.28.12321

Lea County, New Mexico

Latitude 32°16'31", Longitude 103°22'32" NAD27

Land-surface elevation 3,369 feet above NAVD88

The depth of the well is 242 feet below land surface.

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

Output formats

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

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|---|---|---|---------------------------------|------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|
| 1967-10-17 | | D | 233.71 | | | 2 | | | U | |
| 1976-01-23 | | D | 230.43 | | | 2 | | | U | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

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



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0.59 0.56 nadww01



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| | | |
|----------------|------------------|----|
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| Groundwater | United States | GO |

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321638103225201

Minimum number of levels = 1

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

USGS 321638103225201 23S.35E.28.11111

Lea County, New Mexico

Latitude 32°16'58", Longitude 103°22'51" NAD27

Land-surface elevation 3,370.00 feet above NGVD29

The depth of the well is 795 feet below land surface.

This well is completed in the Sunrise Formation (231SNRS) local aquifer.

Output formats

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

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|---|---|---|---------------------------------|------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|
| 1967-10-17 | | D | 230.67 | | | | 2 | | U | |
| 1968-06-11 | | D | 230.26 | | | | 2 | | U | |
| 1970-12-09 | | D | 230.02 | | | | 2 | | U | |
| 1976-01-23 | | D | 231.57 | | | | 2 | | U | |
| 1981-03-30 | | D | 233.10 | | | | 2 | | U | |
| 1986-04-17 | | D | 233.11 | | | | 2 | | U | |
| 1991-05-16 | | D | 233.30 | | | | 2 | | U | |
| 1996-03-13 | | D | 234.79 | | | | 2 | | S | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2019-08-23 13:04:58 EDT

0.49 0.45 nadww01



Appendix B

Field Data and Soil Profile Logs

Goodnight midstream Serrano 01 03 19

| | | |
|--------------------|----------|-------|
| SP @ # 1 surface - | 14,808 | 11:43 |
| SP @ # 2 surface - | < 27,680 | 11:46 |
| SP @ # 3 surface - | < 27,680 | 11:50 |
| SP @ # 4 surface - | < 27,680 | 11:52 |
| SP @ # 5 surface - | 27,680 | 11:55 |
| SP @ # 6 surface - | 6,560 | 11:58 |
| SP @ # 7 | 6,560 | 12:00 |
| SP @ # 8 | 20,520 | 12:08 |
| SP @ # 9 | < 27,680 | 12:09 |
| SP @ # 10 | 23,508 | 12:11 |
| SP @ # 11 | < 27,680 | 12:11 |
| SP @ # 12 | < 27,680 | 12:15 |
| SP @ # 13 | < 27,680 | 12:22 |
| SP @ # 14 | 23,508 | 12:26 |
| SP @ # 15 | 16,354 | 12:28 |
| SP @ # 16 | 13,484 | 12:31 |
| SP @ # 17 | > 1,184 | 12:32 |
| SP @ # 18 | 23,508 | 12:34 |
| SP @ # 19 | < 27,680 | 12:44 |
| SP @ # 20 | 20,520 | 12:45 |
| SP @ # 21 | 14,808 | 12:47 |
| SP @ # 22 | 2,280 | 12:49 |
| SP @ # 23 | 12,340 | 12:50 |
| SP @ # 24 | < 27,680 | 12:51 |
| SP @ # 25 | 27,680 | 12:57 |
| SP @ # 26 | < 27,680 | 12:59 |
| SP @ # 27 | < 27,680 | 1:00 |
| SP @ # 28 | 23,508 | 1:02 |
| SP @ # 29 | 13,484 | 1:05 |
| SP @ # 30 | 23,508 | 1:10 |
| SP @ # 31 | < 27,680 | 1:20 |
| SP @ # 32 | 7,074 | |

| Goodnight midstream | | Serrano | 07.08.19 |
|---------------------|---------|---------|----------|
| SP #1e1'- | < 1,184 | < 108 | 8.45 |
| SP #1e2'- | < 1,184 | < 108 | 8.49 |
| SP #2e1'- | < 1,184 | < 108 | 9.00 |
| SP #3e1'- | < 1,184 | < 108 | 9.26 |
| SP #4e1'- | < 1,184 | < 108 | 9.42 |
| SP #5e1'- | < 1,184 | < 108 | 10.01 |
| SP #6e1'- | | 136 | 10.22 |
| SP #7e1'- | | 164 | 10.37 |
| SP #8e1'- | | 240 | 11.11 |
| SP #9e1'- | | 240 | 11.34 |
| SP #10e1'- | | 136 | 11.30 |
| SP #11e1'- | | 320 | 12.40 |
| SP #12e1'- | | 1,728 | 12.46 |
| SP #13e1'- | | 1,728 | 1.17 |
| SP #13e2'- | | 1,728 | 1.30 |
| SP #13e3'- | | 1,728 | 1.35 |
| SP #13e4'- | | 1,728 | 1.39 |
| SP #13e5'- | | 456 | 1.55 |
| SP #13e6'- | | 364 | 1.56 |
| SP #13e8'- | | | |

Goodnight midstream Serrano 07.11.19

| | | |
|--------------|-----|-------|
| SP #29 @1' - | 108 | 8:10 |
| SP #31 @1' - | 716 | 8:18 |
| SP #32 @1' - | 108 | 8:27 |
| SP #31 @2' - | 408 | 8:34 |
| SP #30 @1' - | 280 | 9:41 |
| SP #28 @1' - | 136 | 10:29 |
| SP #27 @1' - | 280 | 11:15 |
| SP #26 @1' - | 240 | 12:11 |
| SP #25 @1' - | 344 | 12:26 |
| SP #24 @1' - | 108 | 1:20 |

Goodnight midstream

Serrano

01.12.19

| | | |
|----------------------|------|-------|
| SP # 22 @ 1' - | 136 | 8:35 |
| SP # 23 @ 1' - | 108 | 8:50 |
| SP # 21 @ 1' - | 240 | 9:53 |
| SP # 20 @ 1' - | 200 | 10:56 |
| SP # 19 @ 1' - | 240 | 11:20 |
| SP # 18 @ 2' - | 280 | 12:13 |
| SP # WH1 @ surface - | 364 | 1:08 |
| SP # WH1 @ 1' - | <108 | 1:38 |
| SP # NH1 @ surface - | <108 | 2:08 |
| SP # NH1 @ 1' - | 164 | 2:20 |
| SP # NH2 @ surface - | 136 | 3:00 |
| SP # NH2 @ 1' - | <108 | 3:10 |

Goodnight midstream

Serrano 07.15.19

| | | | |
|------------|-----------|--------|-------|
| SP # EH1 @ | Surface - | 200 | 8:00 |
| SP # EH1 @ | 1' - | 136 | 8:30 |
| SP # EH2 @ | Surface - | 136 | 9:00 |
| SP # EH2 @ | 1' - | < 108 | 9:30 |
| SP # SH1 @ | Surface - | < 108 | 10:00 |
| SP # SH1 @ | 1' - | < 108 | 10:30 |
| SP # WH2 @ | Surface - | 556 | 11:00 |
| SP # WH2 @ | 1' - | 200 | 11:30 |
| SP # SH2 @ | Surface - | 240 | 12:00 |
| SP # SH2 @ | 1' - | 108 | 12:50 |
| SP # 14 @ | Surface - | > 2428 | 1:30 |
| SP # 14 @ | 1' - | 556 | 2:00 |

Soil Profile

Date: 7/3/19 7/8 7/11 7/12 7/15

Project: Serrano

Project Number: 10786

Latitude: 32.279828

Longitude: -103.373337

Depth (ft. bgs)

Description

TD

| |
|----|
| 1 |
| 2 |
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| 37 |
| 38 |
| 39 |
| 40 |

Import Fill, Caliche Pad

Red Sand

Appendix C

Laboratory Analytical Reports

July 11, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/08/19 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 1 (H902305-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13000 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 2 (H902305-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 15200 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 3 (H902305-03)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 26000 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 4 (H902305-04)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 47200 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 5 (H902305-05)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 42400 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 6 (H902305-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 7600 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 7 (H902305-07)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8660 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SP 8 (H902305-08)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 30800 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SP 9 (H902305-09)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 46400 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

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*=Accredited Analyte

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 10 (H902305-10)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 31200 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SP 11 (H902305-11)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 88800 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 12 (H902305-12)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 26000 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 13 (H902305-13)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 88000 | 16.0 | 07/10/2019 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SP 14 (H902305-14)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 22600 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | QM-07 | |

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*=Accredited Analyte

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 15 (H902305-15)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 30400 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 16 (H902305-16)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9800 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 17 (H902305-17)

| 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 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 18 (H902305-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 53600 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 19 (H902305-19)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48000 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 20 (H902305-20)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 23000 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | | |

Sample ID: SP 21 (H902305-21)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 17200 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 22 (H902305-22)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3440 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | | |

Sample ID: SP 23 (H902305-23)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 24800 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 24 (H902305-24)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32400 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 25 (H902305-25)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 46400 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 26 (H902305-26)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 40000 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 27 (H902305-27)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 78400 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 28 (H902305-28)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 26800 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 29 (H902305-29)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 15600 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/08/2019 | Sampling Date: | 07/03/2019 |
| Reported: | 07/11/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 30 (H902305-30)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 34400 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 31 (H902305-31)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 92800 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: SP 32 (H902305-32)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10600 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 3.92 | |

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|----------|---|-------------|----------------------------|------|---|--------|--------|------------|---------------|----------|----------|------|------|--|--|--|
| Company Name: <u>Etech Environmental</u> | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | |
| Project Manager: <u>Daniel Dominguez</u> | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around; font-weight: bold;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> </div> | | | | | | | | | | | |
| Address: <u>3100 Plains Hwy</u> | | | | Company: | | | | | | | | | | | | | | | |
| City: <u>Livingston</u> | | State: <u>NM</u> Zip: <u>88260</u> | | Attn: | | | | | | | | | | | | | | | |
| Phone #: | | Fax #: | | Address: | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: <u>Goodnight</u> | | City: | | | | | | | | | | | | | | | |
| Project Name: <u>Serrano</u> | | | | State: Zip: | | | | | | | | | | | | | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | |
| Sampler Name: <u>Daniel</u> | | | | Fax #: | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | GRAB OR (COMP. # CONTAINERS) | MATRIX | | | | | | PRESERV. | | SAMPLING | | DATE | TIME | <div style="display: flex; justify-content: space-around; font-weight: bold;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> </div> | | |
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | | | | | | |
| <u>H902305</u> | | | | | | | | | | | | | | | | | | | |
| <u>1</u> | <u>SP1</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>2</u> | <u>SP2</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>3</u> | <u>SP3</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>4</u> | <u>SP4</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>5</u> | <u>SP5</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>6</u> | <u>SP6</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>7</u> | <u>SP7</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>8</u> | <u>SP8</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>9</u> | <u>SP9</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
| <u>10</u> | <u>SP10</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | | | <u>X</u> | <u>7/3/19</u> | | <u>X</u> | | | | | |
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| Relinquished By: <u>Dan Dominguez</u> | | Date: <u>7/8/19</u> Time: <u>9:05</u> | | Received By: <u>Yumara Aldate</u> | | Date: _____ Time: _____ | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: _____ REMARKS: email results! <u>DanielD@etechenv.com</u> | | | | | | | | | | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>-0.9c H97</u> | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | CHECKED BY: (Initials) <u>TO.</u> | | | | | | | | | | | | | | | |

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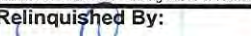
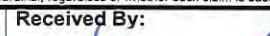
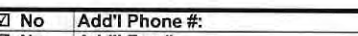
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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| | | | | | | | | | |
|--|--|--------------|--|--|--|--|--|----------------|--|
| Relinquished By:  | | Date: 7-8-19 | | Received By:  | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Phone #: | |
| | | Time: 9.05 | | | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Fax #: | |
| Relinquished By: | | Date: | | Received By: | | REMARKS: email results  | | | |
| | | Time: | | | | | | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.9e #197 | | | | Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | CHECKED BY: (Initials) TD | | | |

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------|--|------------------|--|--------------|--|---|--|--|--|------------------------------------|--|---------------|--|----------|--|--|--|------|--|--|--|--|--|--|--|
| Company Name: <u>Etech Environmental</u> | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Daniel Dominguez</u> | | | | P.O. #: | | | | <div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> </div> | | | | | | | | | | | | | | | | | | | |
| Address: | | | | Company: | | | | | | | | | | | | | | | | | | | | | | | |
| City: | | State: | | Zip: | | Attn: | | | | | | | | | | | | | | | | | | | | | |
| Phone #: | | Fax #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: <u>Goodnight</u> | | City: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Serrano</u> | | | | State: | | | | | | | | | | | | | | | | Zip: | | | | | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Daniel</u> | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (GRAB OR C)COMP. | | # CONTAINERS | | MATRIX | | | | PRESERV. | | SAMPLING | | | | | | | | | | | | | |
| | | | | | | | | GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | | | ACID/BASE: ICE / COOL OTHER: | | DATE TIME | | | | | | | | | | | | | |
| <u>H902305</u> | | | | <u>G</u> | | <u>1</u> | | | | | | <u>X</u> | | <u>7-3-19</u> | | <u>X</u> | | | | | | | | | | | |
| <u>21</u> | | <u>SP21</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>22</u> | | <u>SP22</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>23</u> | | <u>SP23</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>24</u> | | <u>SP24</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>25</u> | | <u>SP25</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>26</u> | | <u>SP26</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>27</u> | | <u>SP27</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>28</u> | | <u>SP28</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>29</u> | | <u>SP29</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |
| <u>30</u> | | <u>SP30</u> | | <u>1</u> | | <u>1</u> | | | | | | <u>X</u> | | | | <u>X</u> | | | | | | | | | | | |

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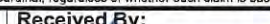
| | | | | | | | | | |
|---|--|---------------------|--|---|--|---|--|----------------|--|
| Relinquished By: <u>Daniel Dominguez</u> | | Date: <u>7-3-19</u> | | Received By: <u>Amara Olden</u> | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Phone #: | |
| | | Time: <u>9:05</u> | | | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Fax #: | |
| Relinquished By: | | Date: | | Received By: | | REMARKS: <u>email results Daniel@etechenv.com</u> | | | |
| | | Time: | | | | | | | |
| Delivered By: (Circle One) | | | | Sample Condition | | CHECKED BY: | | | |
| Sampler - UPS - Bus - Other: <u>-0.9c #97</u> | | | | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | <u>TD</u> | | | |

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| | | | | | | | |
|--|--|----------------------------|--|---|--|--|--|
| Relinquished By:  | | Date: 7-8-19 Time: 9:05 | | Received By:  | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: | |
| Relinquished By: | | Date: Time: | | Received By: | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | CHECKED BY: (Initials) | |
| -0.9°C #97 | | | | TO. | | REMARKS: email results Daniel D@etechenv.com | |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

July 15, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/09/19 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 1 (H902340-01)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTX | <0.300 | 0.300 | 07/10/2019 | 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 | 32.0 | 16.0 | 07/10/2019 | 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 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 2 (H902340-02)

| 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 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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 | 48.0 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | QR-03 |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 3 (H902340-03)

| 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 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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 | 16.0 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 4 (H902340-04)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 128 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 41-142

Surrogate: 1-Chlorooctadecane 119 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 5 (H902340-05)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 41-142

Surrogate: 1-Chlorooctadecane 116 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 6 (H902340-06)

| 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 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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 | 16.0 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 7 (H902340-07)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 7.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/10/2019 | ND | 202 | 101 | 200 | 5.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/10/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 8 (H902340-08)

| 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 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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 | 32.0 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/11/2019 | ND | 204 | 102 | 200 | 4.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/11/2019 | ND | 219 | 109 | 200 | 8.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.5 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 10 (H902340-09)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/10/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/10/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTX | <0.300 | 0.300 | 07/10/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/11/2019 | ND | 204 | 102 | 200 | 4.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/11/2019 | ND | 219 | 109 | 200 | 8.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 11 (H902340-10)

| 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 | 07/11/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/11/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEX | <0.300 | 0.300 | 07/11/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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 | 16.0 | 16.0 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/11/2019 | ND | 204 | 102 | 200 | 4.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/11/2019 | ND | 219 | 109 | 200 | 8.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 41-142

Surrogate: 1-Chlorooctadecane 119 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 12 (H902340-11)

| 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 | 07/11/2019 | ND | 2.15 | 108 | 2.00 | 2.85 | |
| Toluene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.16 | 108 | 2.00 | 0.913 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.03 | 101 | 2.00 | 0.512 | |
| Total Xylenes* | <0.150 | 0.150 | 07/11/2019 | ND | 6.13 | 102 | 6.00 | 0.696 | |
| Total BTEx | <0.300 | 0.300 | 07/11/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/12/2019 | ND | 204 | 102 | 200 | 4.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/12/2019 | ND | 219 | 109 | 200 | 8.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/12/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.1 % 41-142

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/09/2019 | Sampling Date: | 07/08/2019 |
| Reported: | 07/15/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP 13 (H902340-12)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.09 | 105 | 2.00 | 0.678 | |
| Toluene* | <0.050 | 0.050 | 07/11/2019 | ND | 2.09 | 104 | 2.00 | 2.09 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/11/2019 | ND | 1.98 | 98.9 | 2.00 | 0.643 | |
| Total Xylenes* | <0.150 | 0.150 | 07/11/2019 | ND | 5.96 | 99.3 | 6.00 | 0.617 | |
| Total BTX | <0.300 | 0.300 | 07/11/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/10/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/12/2019 | ND | 204 | 102 | 200 | 4.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/12/2019 | ND | 219 | 109 | 200 | 8.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/12/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 41-142

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-------|---|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|------------------------------------|-------------------|----------------|-------------|--------------------------|------------|-------------------------|--|--------------|--|--------------------------|--|---|--|---------------------------|---|--|--|--------------|----------|---|-----|--|--------|--|--------|--|------------|--|------------|--|--------|--|------|------|----------|-----|-----------|--|
| Company Name: Etech Environmental | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Daniel Dominguez | | | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: PO Box 896 | | | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington | | State: NM | | Zip: 88260 | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-396-2378 | | Fax #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 10768 | | Project Owner: Goodnight Midstream | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Serrano | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Catalina Villa | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | | | | | | | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | | | | | |
| | | | | | GROUNDWATER | | WASTEWATER | | | | | | | | | | | | | | SOIL | | OIL | | SLUDGE | | OTHER: | | ACID/BASE: | | ICE / COOL | | OTHER: | | DATE | TIME | Chloride | TPH | BTEX 8021 | |
| H902340 | 1 | SP1 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 2 | SP2 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 3 | SP3 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 4 | SP4 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 5 | SP5 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 6 | SP6 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 7 | SP7 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 8 | SP8 | G | 1 | | | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| | 9 | SP10 | G | 1 | | | X | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | SP11 | G | 1 | | | X | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished By: Catalina Villa | | Date: 7-9-19 | | Time: 10:49 | | Received By: [Signature] | | Date: 7-9-19 | | Time: 3:47pm | | Received By: [Signature] | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Phone #: | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Fax #: | | REMARKS: email results to daniel@etechenv.com | | | | | | | | | | | | | | | | | | |
| Relinquished By: [Signature] | | Date: 7-9-19 | | Time: 3:47pm | | Received By: [Signature] | | Date: 7-9-19 | | Time: 3:47pm | | Received By: [Signature] | | Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> | | CHECKED BY: (Initials) JO | | Delivered By: (Circle One) Sampler - UPS - Bus - Other: 49c #97 | | | | | | | | | | | | | | | | | | | | | | |

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

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

[illegible]

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| | | | | | | |
|------------------------------|--|----------|---|--------------------------------------|--|----------------|
| Relinquished By: | | Date: | Received By: | Phone Result: | <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Catalina Villa | | Time: | <i>[Signature]</i> | Fax Result: | <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | | Date: | Received By: | REMARKS: | | |
| <i>[Signature]</i> | | Time: | <i>[Signature]</i> | email results to daniel@etechenv.com | | |
| Delivered By: (Circle One) | | Time: | Sample Condition | CHECKED BY: | | |
| Sampler - UPS - Bus - Other: | | 4.9c #97 | Cool Intact | (Initials) | | |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> Yes | <i>[Signature]</i> | | |
| | | | <input type="checkbox"/> No <input type="checkbox"/> No | | | |

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

July 25, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/18/19 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 9 @ 1' (H902482-01)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/19/2019 | 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 | 07/20/2019 | ND | 226 | 113 | 200 | 0.171 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 219 | 109 | 200 | 1.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.5 % 41-142

Surrogate: 1-Chlorooctadecane 93.9 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 14 @ 1' (H902482-02)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 352 | 16.0 | 07/19/2019 | 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 | 07/20/2019 | ND | 226 | 113 | 200 | 0.171 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 219 | 109 | 200 | 1.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

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| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 15 @ 1' (H902482-03)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 176 | 16.0 | 07/19/2019 | 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 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 41-142

Surrogate: 1-Chlorooctadecane 125 % 37.6-147

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| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 16 @ 2' (H902482-04)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/19/2019 | 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 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 117 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 17 @ 1' (H902482-05)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 07/19/2019 | 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 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 18 @ 1' (H902482-06)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/19/2019 | 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 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 117 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 19 @ 1' (H902482-07)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 608 | 16.0 | 07/19/2019 | 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 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 122 % 41-142

Surrogate: 1-Chlorooctadecane 123 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 20 @ 1' (H902482-08)

| 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 | 07/19/2019 | ND | 1.99 | 99.5 | 2.00 | 0.995 | |
| Toluene* | <0.050 | 0.050 | 07/19/2019 | ND | 2.07 | 103 | 2.00 | 3.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/19/2019 | ND | 1.93 | 96.5 | 2.00 | 1.03 | |
| Total Xylenes* | <0.150 | 0.150 | 07/19/2019 | ND | 5.83 | 97.2 | 6.00 | 1.60 | |
| Total BTEX | <0.300 | 0.300 | 07/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | QR-03 |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 116 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 21 @ 1' (H902482-09)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

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

Received: 07/18/2019
Reported: 07/25/2019
Project Name: SERRANO
Project Number: C, 28,23S,35E,LEA - 10768
Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 07/15/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP # 22 @ 1' (H902482-10)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 117 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 23 @ 1' (H902482-11)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 48.0 | 16.0 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 24 @ 1' (H902482-12)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/19/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/19/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 41-142

Surrogate: 1-Chlorooctadecane 122 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 25 @ 1' (H902482-13)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 41-142

Surrogate: 1-Chlorooctadecane 121 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 26 @ 1' (H902482-14)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 41-142

Surrogate: 1-Chlorooctadecane 111 % 37.6-147

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| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 27 @ 1' (H902482-15)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2019 | ND | 214 | 107 | 200 | 0.788 | |
| DRO >C10-C28* | 18.4 | 10.0 | 07/22/2019 | ND | 201 | 101 | 200 | 2.17 | |
| EXT DRO >C28-C36 | 33.5 | 10.0 | 07/22/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.2 % 41-142

Surrogate: 1-Chlorooctadecane 90.7 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 28 @ 1' (H902482-16)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 41-142

Surrogate: 1-Chlorooctadecane 128 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 29 @ 1' (H902482-17)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 41-142

Surrogate: 1-Chlorooctadecane 122 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 30 @ 1' (H902482-18)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 130 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 31 @ 2' (H902482-19)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 124 % 41-142

Surrogate: 1-Chlorooctadecane 127 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SP # 32 @ 1' (H902482-20)

| 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 | 07/22/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | |
| Toluene* | <0.050 | 0.050 | 07/22/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | |
| Total BTEx | <0.300 | 0.300 | 07/22/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 129 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: NH1 @ SURFACE (H902482-21)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 32.0 | 16.0 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 41-142

Surrogate: 1-Chlorooctadecane 124 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: NH1 @ 1' (H902482-22)

| 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 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 130 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: NH2 @ SURFACE (H902482-23)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 41-142

Surrogate: 1-Chlorooctadecane 126 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: NH2 @ 1' (H902482-24)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 125 % 41-142

Surrogate: 1-Chlorooctadecane 130 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SH1 @ SURFACE (H902482-25)

| 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 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTEX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 124 % 41-142

Surrogate: 1-Chlorooctadecane 129 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SH1 @ 1' (H902482-26)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.97 | 98.3 | 2.00 | 3.11 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 2.03 | 101 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.90 | 95.0 | 2.00 | 3.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.89 | 98.1 | 6.00 | 3.18 | | |
| Total BTX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | <16.0 | 16.0 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 41-142

Surrogate: 1-Chlorooctadecane 128 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SH2 @ SURFACE (H902482-27)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTEX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 128 | 16.0 | 07/22/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 121 % 37.6-147

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DANIEL DOMINGUEZ
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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: SH2 @ 1' (H902482-28)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTEx | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 41-142

Surrogate: 1-Chlorooctadecane 132 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: EH1 @ SURFACE (H902482-29)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTEX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 131 % 37.6-147

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Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: EH1 @ 1' (H902482-30)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTEX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 41-142

Surrogate: 1-Chlorooctadecane 119 % 37.6-147

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Lovington NM, 88260
Fax To: (575) 396-1429

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: EH2 @ SURFACE (H902482-31)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTEX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 41-142

Surrogate: 1-Chlorooctadecane 122 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: EH2 @ 1' (H902482-32)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | | |
| Total BTX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 122 % 41-142

Surrogate: 1-Chlorooctadecane 126 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: WH1 @ SURFACE (H902482-33)

| 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 | 07/23/2019 | ND | 1.78 | 88.8 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.82 | 90.9 | 2.00 | 4.26 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/23/2019 | ND | 1.73 | 86.6 | 2.00 | 4.02 | |
| Total Xylenes* | <0.150 | 0.150 | 07/23/2019 | ND | 5.23 | 87.2 | 6.00 | 3.74 | |
| Total BTEX | <0.300 | 0.300 | 07/23/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 144 | 16.0 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 41-142

Surrogate: 1-Chlorooctadecane 125 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: WH1 @ 1' (H902482-34)

| 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 | 07/24/2019 | ND | 1.74 | 87.0 | 2.00 | 2.24 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.77 | 88.6 | 2.00 | 2.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.69 | 84.3 | 2.00 | 2.24 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.08 | 84.7 | 6.00 | 2.60 | | |
| Total BTEx | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 121 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: WH2 @ SURFACE (H902482-35)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.74 | 87.0 | 2.00 | 2.24 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.77 | 88.6 | 2.00 | 2.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.69 | 84.3 | 2.00 | 2.24 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.08 | 84.7 | 6.00 | 2.60 | | |
| Total BTX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 352 | 16.0 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/20/2019 | ND | 212 | 106 | 200 | 1.46 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/20/2019 | ND | 208 | 104 | 200 | 0.780 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 41-142

Surrogate: 1-Chlorooctadecane 124 % 37.6-147

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

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 07/18/2019 | Sampling Date: | 07/15/2019 |
| Reported: | 07/25/2019 | Sampling Type: | Soil |
| Project Name: | SERRANO | Sampling Condition: | Cool & Intact |
| Project Number: | C, 28,23S,35E,LEA - 10768 | Sample Received By: | Tamara Oldaker |
| Project Location: | GOODNIGHT MIDSTREAM - LEA CO NM | | |

Sample ID: WH2 @ 1' (H902482-36)

| 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 | 07/24/2019 | ND | 1.74 | 87.0 | 2.00 | 2.24 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.77 | 88.6 | 2.00 | 2.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2019 | ND | 1.69 | 84.3 | 2.00 | 2.24 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2019 | ND | 5.08 | 84.7 | 6.00 | 2.60 | | |
| Total BTEX | <0.300 | 0.300 | 07/24/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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 | 07/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2019 | ND | 194 | 96.8 | 200 | 1.17 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2019 | ND | 184 | 92.2 | 200 | 0.398 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.9 % 41-142

Surrogate: 1-Chlorooctadecane 96.4 % 37.6-147

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Notes and Definitions

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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| | | | | | |
|---------------------------------|--|----------------|---|--|----------------|
| Relinquished By: Catalina Villa | | Date: 07-18-19 | Received By: Dan Song | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | | Time: 2:00 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: Dan Song | | Date: 7/18/19 | Received By: Jamiro Olds | REMARKS: email results to daniel@etechenv.com | |
| Delivered By: (Circle One) | | Time: 4:27pm | | | |
| Sampler - UPS - Bus - Other: | | 1.02 #97 | Sample Condition | | |
| | | Corrected 1.42 | Cool Intact | | |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> Yes | CHECKED BY: (Initials) | |
| | | | <input type="checkbox"/> No <input type="checkbox"/> No | to - | |

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

page 1 of 4



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---------------------------------------|--------------|-----------------------------------|------------|------------------------|-----|-------------------------|---------|------------|------------|---------|---------|------|----------|-----|-----------|--|--|--|--|--|--|
| Company Name: Goodnight Midstream Permian, LLC | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: Daniel Dominguez | | | | P.O. #: | | | | | | | | | | | | | | | | | | | |
| Address: 3100 Plains Hwy | | | | Company: Etech Environmental & Sa | | | | | | | | | | | | | | | | | | | |
| City: Lovington | | State: NM | | Zip: 88260 | | Attn: Daniel Dominguez | | | | | | | | | | | | | | | | | |
| Phone #: 575-396-2378 | | Fax #: 575-396-1429 | | Address: P.O. Box 301 | | | | | | | | | | | | | | | | | | | |
| Project #: 10768 | | Project Owner: Goodnight Midstream Pe | | City: Lovington | | | | | | | | | | | | | | | | | | | |
| Project Name: Serrano | | | | State: NM Zip: 88260 | | | | | | | | | | | | | | | | | | | |
| Project Location: "C", 28, 23S, 35E, Lea | | | | Phone #: 575-396-2378 | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Catlina Villa, Shawn Cotton | | | | Fax #: 575-396-1429 | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH | BTEX 8021 | | | | | | |
| H902482 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | SP#23@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 12 | SP#24@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 13 | SP#25@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 14 | SP#26@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 15 | SP#27@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 16 | SP#28@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 17 | SP#29@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 18 | SP#30@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 19 | SP#31@2' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 20 | SP#32@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | |

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| | | | | |
|--|----------------|--|--|----------------|
| Relinquished By: <i>Catalina Villa</i> | Date: 8/18/19 | Received By: <i>Dan Dominguez</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | Time: 2:00 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: <i>Dan Dominguez</i> | Date: 7/18/19 | Received By: <i>Tamara Decker</i> | REMARKS: email results to daniel@etechenv.com | |
| | Time: 4:27 | | | |
| Delivered By: (Circle One) | 1.0c #97 | Sample Condition | CHECKED BY: (Initials) | |
| Sampler - UPS - Bus - Other: | Corrected 1.4c | Cool Intact | 10. | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | <input type="checkbox"/> No <input type="checkbox"/> No | | |

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page 2 of 4



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|---------------------------------------|--------------|-----------------------------------|------------|------------------------|-----|-------------------------|---------|------------|------------|---------|---------|------|----------|-----|-----------|--|--|--|--|--|--|
| Company Name: Goodnight Midstream Permian, LLC | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: Daniel Dominguez | | | | P.O. #: | | | | | | | | | | | | | | | | | | | |
| Address: 3100 Plains Hwy | | | | Company: Etech Environmental & Sa | | | | | | | | | | | | | | | | | | | |
| City: Lovington | | State: NM | | Zip: 88260 | | Attn: Daniel Dominguez | | | | | | | | | | | | | | | | | |
| Phone #: 575-396-2378 | | Fax #: 575-396-1429 | | Address: P.O. Box 301 | | | | | | | | | | | | | | | | | | | |
| Project #: 10768 | | Project Owner: Goodnight Midstream Pe | | City: Lovington | | | | | | | | | | | | | | | | | | | |
| Project Name: Serrano | | | | State: NM Zip: 88260 | | | | | | | | | | | | | | | | | | | |
| Project Location: "C", 28, 23S, 35E, Lea | | | | Phone #: 575-396-2378 | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Catlina Villa, Shawn Cotton | | | | Fax #: 575-396-1429 | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH | BTEX 8021 | | | | | | |
| 14902482 | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | NH1@Surface' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 22 | NH1@1' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 23 | NH2@Surface' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 24 | NH2@1' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 25 | SH1@Surface' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 26 | SH1@1' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 27 | SH2@Surface' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 28 | SH2@1' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 29 | EH1@Surface' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |
| 30 | EH1@1' | G | 1 | | | X | | | | X | | | 7/15/19 | | X | X | X | | | | | | |

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| | | | | |
|------------------------------|-----------------|--|--|----------------|
| Relinquished By: | Date: 6-18-19 | Received By: | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Catolina Villa | Time: 2:00 | Daniel Dominguez | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | Date: 7/18/19 | Received By: | REMARKS: email results to daniel@etechenv.com | |
| Daniel Dominguez | Time: 4:27 | Shawn Cotton | | |
| Delivered By: (Circle One) | 1.0°C #97 | Sample Condition | CHECKED BY: | |
| Sampler - UPS - Bus - Other: | Corrected 1.4°C | Cool Intact | (Initials) | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | 40 | |

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|--|---------------------|--|-------------------|-------------------------------|------------|-------------------------|---------------|-------------------|-------------------|---------------|-------------|-------------|-----------------|------------|------------------|--|--|--|--|--|--|--|
| Company Name: Goodnight Midstream Permian, LLC | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | |
| Project Manager: Daniel Dominguez | | | | P.O. #: | | | | | | | | | | | | | | | | | | | | |
| Address: 3100 Plains Hwy | | | | Company: Etech Environmental & Sa | | | | | | | | | | | | | | | | | | | | |
| City: Lovington | | State: NM | | Zip: 88260 | | Attn: Daniel Dominguez | | | | | | | | | | | | | | | | | | |
| Phone #: 575-396-2378 | | Fax #: 575-396-1429 | | Address: P.O. Box 301 | | | | | | | | | | | | | | | | | | | | |
| Project #: 10768 | | Project Owner: Goodnight Midstream Pe | | City: Lovington | | | | | | | | | | | | | | | | | | | | |
| Project Name: Serrano | | | | State: NM Zip: 88260 | | | | | | | | | | | | | | | | | | | | |
| Project Location: "C", 28, 23S, 35E, Lea | | | | Phone #: 575-396-2378 | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Catlina Villa, Shawn Cotton | | | | Fax #: 575-396-1429 | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | Chloride | TPH | BTEX 8021 | | | | | | | |
| 4902482 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | EH2@Surface' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |
| 32 | EH2@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |
| 33 | WH1@Surface' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |
| 34 | WH1@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |
| 35 | WH2@Surface' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |
| 36 | WH2@1' | G | 1 | | X | | | | | X | | | 7/15/19 | | X | X | X | | | | | | | |

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| | | | | |
|---|--|--|---|-----------------------|
| Relinquished By: <i>Catrina Villa</i> | Date: 8-18-19 | Received By: <i>Dan Dominguez</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: <i>Dan Dominguez</i> | Date: 7/15/19 | Received By: <i>Samara Alda</i> | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Time: 4:27 | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No | REMARKS: email results to daniel@etechenv.com | |
| Checker: 1.02... #97 Corrected 1.46 | CHECKED BY: (Initials) TO | | | |

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Appendix D

Photographic Log

Photographic Log



Photographic Log




Photographic Log




Photographic Log

| | |
|---|--|
| Photo Number: 7 |  |
| Photo Direction: East | |
| Photo Description: View of Surface Staining from the Initial Release | |

| | |
|---|--|
| Photo Number: 8 |  |
| Photo Direction: South | |
| Photo Description: View of Surface Staining from the Initial Release | |

Photographic Log

| | |
|---|--|
| Photo Number: 9 |  |
| Photo Direction: West | |
| Photo Description: View of Surface Staining from the Initial Release | |

| | |
|---|--|
| Photo Number: 10 |  |
| Photo Direction: South | |
| Photo Description: View of Surface Staining from the Initial Release | |

Photographic Log

| | |
|---|--|
| Photo Number: 11 |  |
| Photo Direction: South | |
| Photo Description: View of Surface Staining from the Initial Release | |

| | |
|--|--|
| Photo Number: 12 |  |
| Photo Direction: South | |
| Photo Description: View of Surface Staining from the Initial Release and initial surface scrape | |