

Incident ID	nAPP2105732466
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: Carolyn Blackaller

Title: Sr. Environmental Specialist

Signature: 

Date: 5/6/21

email: Carolyn.blackaller@energytransfer.com

Telephone: (432)203-8920

OCD Only

Received by: _____

Date: _____

State of New Mexico
Oil Conservation Division

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Closure

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

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

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

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

Printed Name: Carolyn Blackaller Title: Sr. Environmental Specialist
 Signature:  Date: 5/6/21
 email: Carolyn.blackaller@energytransfer.com Telephone: (432)203-8920

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____


Remediation Summary & Soil Closure Request


ETC Texas Pipeline, Ltd. 0-6 Release

Lea County, New Mexico
Unit Letter "H", Section 28, Township 20 South, Range 37 East
Latitude 32.544639 North, Longitude 103.248778 West
NMOCD Reference No. nAPP2105732466

Prepared By:

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



Ben J. Arguijo

Joel W. Lowry

Midland • San Antonio • Lubbock • Lovington • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of ETC Texas Pipeline, Ltd., has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the 0-6 Release (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.544639 Longitude: -103.248778
 Provided GPS are in WGS84 format.

Site Name:	0-6 Release	Site Type:	Flowline
Date Release Discovered:	2/22/2021	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
"H"	28	20S	37E	Lea

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

Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 387.6	Volume Recovered (Mcf) 0
<input checked="" type="checkbox"/> Other (describe) NGLs (mixture of oil/water)	Volume/Weight Released (bbls) 202	Volume/Weight Recovered (bbls) 135

Cause of Release:

The release was attributed to corrosion of the pipeline segment. During initial response activities, the pipeline segment was replaced, and a vacuum truck was utilized to recover free-standing liquid. An emergency 1-Call was placed to facilitate immediate excavation of wet/visibly stained soil to mitigate the extent of the release.

Initial Response

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

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

2.0 SITE CHARACTERIZATION

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

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

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

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

* Measured in milligrams per kilogram (mg/kg)

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

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

4.0 REGULATORY APPROVALS & STIPULATIONS

On February 26, 2021, based on the immediate response to the release and the size of the affected area, an *Alternative Sampling Plan* was submitted to the NMOCD proposing an alternative sampling plan to include the collection of composite soil samples every 400 square feet from the base of the excavated area and at 50-foot horizontal intervals from the excavation sidewalls. The *Alternative Sampling Plan* was subsequently approved by the NMOCD.

5.0 REMEDIATION ACTIVITIES SUMMARY

On March 1, 2021, remediation activities commenced at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standard was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory and visual senses were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard.

On March 4, 2021, Etech collected 34 confirmation soil samples (NW 1 through NW 7, SW 1 through SW 6, and FL 1 through FL 21) from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, with the exception of soil sample FL 4, which exhibited a TPH concentration of 174 mg/kg. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 4.

On March 5, 2021, Etech collected 45 confirmation soil samples (NW 8 through NW 16, SW 7 through SW 12, SW 13B, SW 14, SW 15, SW 16, and FL 22 @ 1' through FL 47 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples.

Etech also advanced a hand-augered borehole (BH1) in order to investigate the vertical extent of impacted soil within a fenced-in Kinder Morgan pig launcher facility adjacent to the point of release. The borehole was advanced to a total depth of four (4) feet below ground surface (bgs), and three (3) delineation soil samples (BH1 @ 2', BH1 @ 3', and BH1 @ 4') were collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, and the vertical extent of impacted soil was adequately defined.

On March 8, 2021, Etech collected 33 confirmation soil samples (NW 17 through NW 20, EW 1, EW 2, EW 3, SW 17 through SW 22, WW 1, WW 3, FL 48 @ 3' through FL 50 @ 3', FL 52 @ 3' through FL 55 @ 3', and FL 57 @ 3' through FL 68 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, with the exception of soil samples FL 57 @ 3' and FL 61 @ 2', which exhibited TPH concentrations of 152 mg/kg and 145 mg/kg, respectively. Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 57 @ 3' and FL 61 @ 2'.

On March 9, 2021, Etech collected 35 confirmation soil samples (NW 21, NW 22D, NW 23D, SW 23, SW 24, SW 25, FL 4B @ 3', FL 51 @ 4', FL 56 @ 4', FL 58 @ 4', and FL 69 @ 6' through FL 93 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in a majority of the submitted soil samples, with the exceptions of soil samples NW 21, NW 22D, NW

23D, SW 23, FL 69 @ 6', FL 70 @ 6', FL 71 @ 6', FL 72 @ 6', FL 73 @ 2', FL 75 @ 3', FL 76 @ 1', FL 81 @ 6", and FL 83 @ 6", which exhibited TPH concentrations ranging from 116 mg/kg (FL 75 @ 3') to 4,012 mg/kg (NW 22D). Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NW 21, NW 22D, NW 23D, SW 23, FL 69 @ 6', FL 70 @ 6', FL 71 @ 6', FL 72 @ 6', FL 73 @ 2', FL 75 @ 3', FL 76 @ 1', FL 81 @ 6", and FL 83 @ 6".

On March 10, 2021, Etech collected 52 confirmation soil samples (NWW 1 through NWW 19, EW 4, EW 5, SEW 1 through SEW 10, and FL 94 @ 6" through FL 114 @ 2.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in a majority of the submitted soil samples, with the exceptions of soil samples NWW 14, NWW 15, SEW 6, FL 97 @ 6", FL 98 @ 6", FL 102 @ 1.5', and FL 106 @ 1.5', which exhibited TPH concentrations ranging from 109 mg/kg (FL 106 @ 1.5') to 370 mg/kg (NWW 15). Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NWW 14, NWW 15, SEW 6, FL 97 @ 6", FL 98 @ 6", FL 102 @ 1.5', and FL 106 @ 1.5'.

On March 11, 2021, Etech collected 54 confirmation soil samples (NWW 20, SEW 11, SEW 12, SEW 13, SEW 14, SEW 15, SEW 16, SEW 17, WW 2B, IWS 1, and FL 115 @ 2' through FL 158 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in a majority of the submitted soil samples, with the exceptions of soil samples SEW 14, FL 152 @ 6", FL 153 @ 6", and FL 158 @ 2', which exhibited TPH concentrations ranging from 134 mg/kg (FL 153 @ 6") to 914 mg/kg (FL 152 @ 6"). Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples SEW 14, FL 152 @ 6", FL 153 @ 6", and FL 158 @ 2'.

Areas with visible surface staining and sparse vegetation encountered along a nearby pipeline during the course of remediation and sampling activities suggested that a portion of the release may have commingled with a historical release (or series of releases). Etech advanced a delineation trench (North Trench) within the inferred margins of the release in an attempt to investigate the horizontal and vertical extent of potentially commingled impacted soil. Based on field test results and field observations made during advancement of the trench, the excavation in the area was advanced to a total depth of six (6) feet bgs, and four (4) confirmation soil samples (NTW 1, NTW 2, NTFL 1 @ 6', and NTFL 2 @ 6') were collected from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, and the horizontal and vertical extent of impacted soil in the area characterized by delineation trench North Trench was adequately defined.

Etech also advanced a delineation trench (South Trench) in an inferred pooling area of the release in the caliche access road approximately 20 feet to the south of the North Trench sub-excavation. Based on field test results and field observations made during advancement of the trench, the excavation in the area was advanced to a total depth of three (3) feet bgs, and four (4) confirmation soil samples (STW 1, STW 2, STFL 1 @ 3', and STFL 2 @ 3') were collected from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, and the horizontal and vertical extent of impacted soil in the area characterized by delineation trench South Trench was adequately defined.

On March 15, 2021, Etech collected two (2) confirmation soil samples (FL 57B @ 3.5' and FL 61B @ 2.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in both of the submitted soil samples.

On March 17, 2021, Etech collected 22 confirmation soil samples (NW 21 B, NWW 14 B, NWW 15 B, SEW 6 B, SEW 14 B, SW 24 B, FWN, FWS, FWW, FL 69 B @ 7' through FL 73 B @ 3', FL 75 B @ 4', FL 76 B @ 2', FL 83 B @ 1', FL 97 B @ 1', FL 98 B @ 1', FL102 B @ 2', FL 106 B @ 2', and FL 159 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in a majority of the submitted soil samples, with the exception of soil sample FWW, which exhibited a TPH concentration of 104 mg/kg. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FWW.

On March 18, 2021, Etech collected two (2) confirmation soil samples (FL 152 B @ 1.5' and FL 158 B @ 2.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in both of the submitted soil samples.

Etech also advanced a delineation trench in the area characterized by soil sample FL 153 @ 6" to further investigate the extent of impacted soil. Based on field test results and field observations made during advancement of the delineation trench, the excavation in the area characterized by soil sample FL 153 @ 6" was advanced to a total depth of five (5) feet bgs, and three (3) confirmation soil samples (FL 153 B NEW, FL 153 B SWW, and FL 153 B @ 5') were collected from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, and the horizontal and vertical extent of impacted soil in the area was adequately defined.

On March 23, 2021, Etech collected one (1) confirmation soil sample (FWW B) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated the TPH concentration was below the NMOCD Closure Criteria and NMOCD Reclamation Standard.

On March 31, 2021, Etech collected one (1) confirmation soil sample (FL 81b @ 1') from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated the TPH concentration was below the NMOCD Closure Criteria and NMOCD Reclamation Standard.

On April 5, 2021, Etech collected two (2) confirmation soil samples (KM FL 1 @ 2' and KM FL 2 @ 2.5') from the floor of the excavation within the Kinder Morgan pig launcher facility and two (2) confirmation soil samples (NW 22E and NW23E) from the sidewalls of the primary excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples.

The final dimensions of the excavated area ranged from approximately 120 to 485 feet in length, eight (8) to 115 feet in width, and six (6) inches to seven (7) feet in depth. During the course of remediation activities, approximately 4,444 cubic yards of impacted soil was transported to an NMOCD-permitted surface waste facility for disposal.

The extent of the excavated area and the locations of the hand-augered borehole, delineation trenches, and confirmation soil samples are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the Site are provided in Appendix B. Laboratory analytical reports are provided in Appendix C.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

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

7.0 SOIL CLOSURE REQUEST

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

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

8.0 LIMITATIONS

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

This report has been prepared for the benefit of ETC Texas Pipeline, Ltd. Use of the information contained in this report is prohibited without the consent of Etech and/or ETC Texas Pipeline, Ltd.

9.0 DISTRIBUTION

ETC Texas Pipeline, Ltd.

600 N. Marienfeld. St.

Suite 700

Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

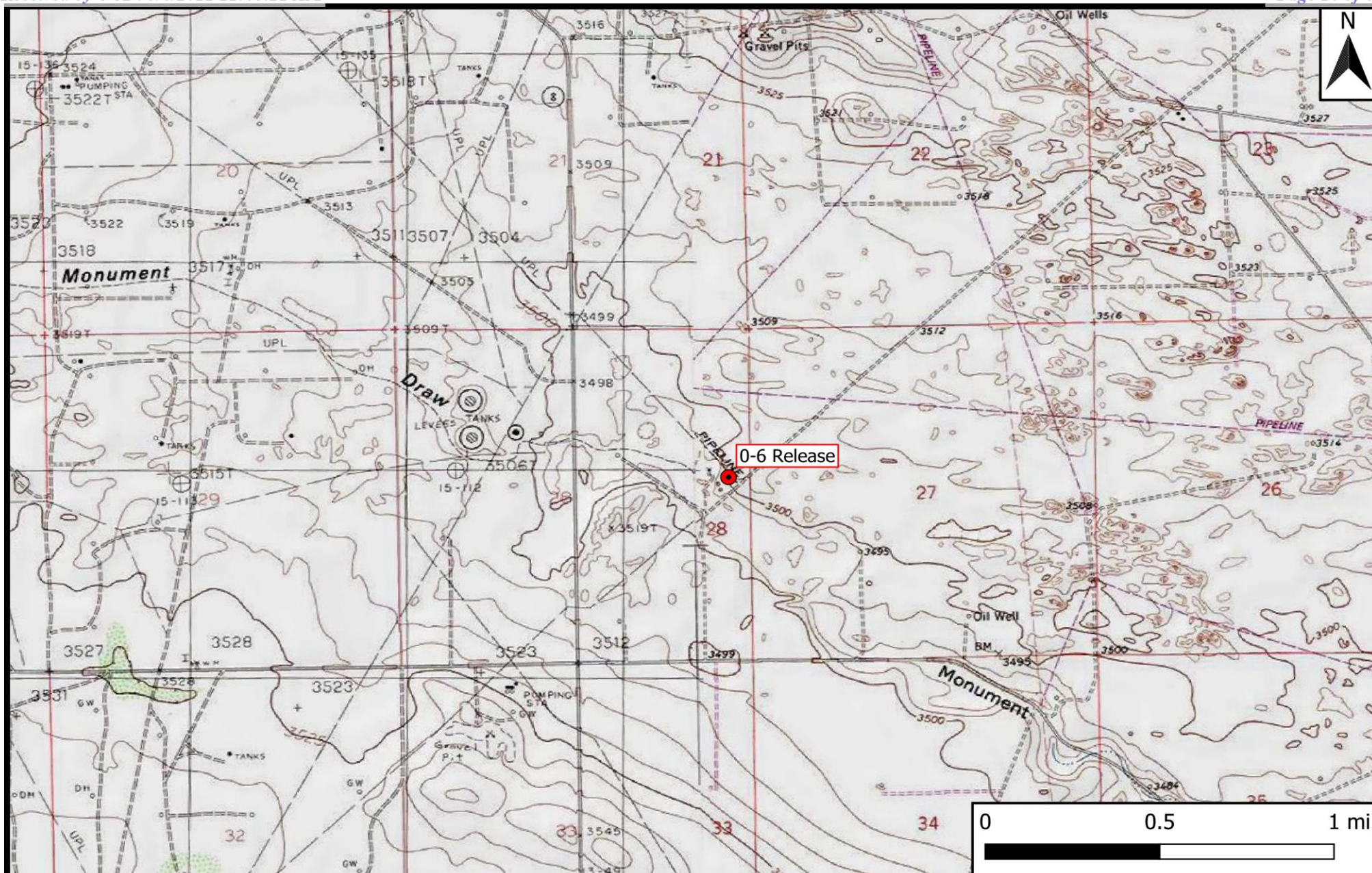
1220 South St. Francis Drive

Santa Fe, NM 87505

(Electronic Submission)

Figure 1

Topographic Map



Legend

- Site Location

Figure 1

Topographic Map
ETC Texas Pipeline, Ltd.
O-6 Release
GPS: 32.544639, -103.248778
Lea County

ETECH

Environmental & Safety Solutions, Inc.



Drafted: bja

Checked: jwl

Date: 4/23/21

Figure 2

Aerial Proximity Map



Legend

● Site Location	■ Affected Area	⋯ 500-Ft Radius
○ Well - Investigative/Monitor	■ 1% Annual Flood Chance	⬜ 1,000-Ft Radius
○ Well - NMOSE	■ Emergent/Forested Wetlands	⬜ 0.5-Mi Radius
○ Well - USGS	■ Freshwater Pond/Lake	
— Potash Mine Workings	■ Medium/High Karst	
	■ Riverine	

Figure 2

Aerial Proximity Map
ETC Texas Pipeline, Ltd.

0-6 Release

GPS: 32.544639, -103.248778

Lea County

eTECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 4/23/21

Figure 3

Site & Sample Location Map



Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Primary Excavation											
NW 1	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 2	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 3	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 4	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 5	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 6	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 7	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 8	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 9	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 10	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 11	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
NW 12	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 13	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 14	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	14.7	14.7	<10.0	14.7	<16.0
NW 15	3/5/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 16	3/5/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 17	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 18	3/8/2021	0'-4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 19	3/8/2021	0'-4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 20	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 21	3/9/2021	0'-7'	Excavated	<0.050	0.385	15.8	153	169	112	281	<16.0
NW 21 B	3/17/2021	0'-7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NW 22D	3/9/2021	0'-7'	Excavated	<0.050	6.88	322	2,020	2,340	1,670	4,010	<16.0
NW 22E	4/5/2021	0'-7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NW 23D	3/9/2021	0'-7'	Excavated	<0.050	0.491	30.5	340	371	209	580	16.0
NW 23E	4/5/2021	0'-7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NWW 1	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	10.9	10.9	21.7	32.6	<16.0
NWW 2	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 3	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 4	3/10/2021	0'-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 5	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 6	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	24.6	24.6	27.3	51.9	<16.0
NWW 7	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 8	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 9	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 10	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 11	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	13.1	13.1	<16.0
NWW 12	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
NWW 13	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	14.8	14.8	<16.0
NWW 14	3/10/2021	0'-2'	Excavated	<0.050	<0.300	<10.0	32.7	32.7	96.2	129	<16.0
NWW 14 B	3/17/2021	0'-2'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NWW 15	3/10/2021	0'-1.5'	Excavated	<0.050	0.364	50.0	161	211	159	370	<16.0
NWW 15 B	3/17/2021	0'-1.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NWW 16	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 17	3/10/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 18	3/10/2021	0"-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NWW 19	3/10/2021	0"-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	10.2	10.2	<16.0
NWW 20	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 1	3/8/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 2	3/8/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 3	3/8/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 4	3/10/2021	0'-7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 5	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SEW 1	3/10/2021	0'-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 2	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 3	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 4	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SEW 5	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SEW 6	3/10/2021	0'-2'	Excavated	<0.050	<0.300	<10.0	36.3	36.3	75.3	112	<16.0
SEW 6 B	3/17/2021	0'-2'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
SEW 7	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 8	3/10/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 9	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 10	3/10/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SEW 11	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 12	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 13	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SEW 14	3/11/2021	0'-1.5'	Excavated	<0.050	<0.300	<10.0	82.9	82.9	265	348	<16.0
SEW 14 B	3/17/2021	0'-1.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
SEW 15	3/11/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	35.1	35.1	39.6	74.7	<16.0
SEW 16	3/11/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	13.1	13.1	<16.0
SEW 17	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	15.0	15.0	14.9	29.9	<16.0
SW 1	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 2	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 3	3/4/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 4	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 5	3/4/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

NOTES:

- = Sample not analyzed for that constituent.

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Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW 6	3/4/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 7	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 8	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW 9	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 10	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 11	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 12	3/5/2021	0'-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 13B	3/5/2021	0'-1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 14	3/5/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 15	3/5/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 16	3/5/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 17	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 18	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 19	3/8/2021	0'-4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 20	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 21	3/8/2021	0'-4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 22	3/8/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 23	3/9/2021	0'-7'	In-Situ	<0.050	<0.300	<10.0	24.6	24.6	47.0	71.6	<16.0
SW 24	3/9/2021	0'-3'	Excavated	<0.050	<0.300	<10.0	98.0	98.0	65.1	163	<16.0
SW 24 B	3/17/2021	0'-3'	In-Situ	-	-	<10.0	30.3	30.3	10.1	40.4	-
SW 25	3/9/2021	0'-4'	In-Situ	<0.050	<0.300	<10.0	25.7	25.7	<10.0	25.7	<16.0
WW 1	3/8/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 2B	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 3	3/8/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FWN	3/17/2021	0"-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FWS	3/17/2021	0"-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FWW	3/17/2021	0"-6"	Excavated	<0.050	<0.300	<10.0	72.2	72.2	31.3	104	<16.0
FWW B	3/23/2021	0"-6"	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
IWS 1	3/11/2021	0'-2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 1	3/4/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 2	3/4/2021	3'	In-Situ	<0.050	<0.300	<10.0	18.6	18.6	12.8	31.4	<16.0
FL 3	3/4/2021	3'	In-Situ	<0.050	<0.300	<10.0	19.7	19.7	<10.0	19.7	16.0
FL 4	3/4/2021	2'	Excavated	<0.050	<0.300	<10.0	84.8	84.8	89.3	174	<16.0
FL 4B @ 3'	3/9/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 5	3/4/2021	3'	In-Situ	<0.050	<0.300	<10.0	22.0	22.0	<10.0	22.0	<16.0
FL 6	3/4/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 7	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 8	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 9	3/4/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

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ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 10	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 11	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 12	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 13	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 14	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 15	3/4/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 16	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	29.7	29.7	56.5	86.2	<16.0
FL 17	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 18	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 19	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 20	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	18.2	18.2	29.2	47.4	<16.0
FL 21	3/4/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 22 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 23 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 24 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 25 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 26 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 27 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 28 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 29 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 30 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 31 @ 2'	3/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 32 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 33 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 34 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 35 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 36 @ 2'	3/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 37 @ 2'	3/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 38 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 39 @ 1.5'	3/5/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 40 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 41 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 42 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 43 @ 1'	3/5/2021	1'	In-Situ	<0.050	<0.300	<10.0	32.9	32.9	30.2	63.1	16.0
FL 44 @ 2'	3/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 45 @ 2.5'	3/5/2021	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 46 @ 3'	3/5/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 47 @ 3'	3/5/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 48 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 49 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 50 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 51 @ 4'	3/9/2021	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 52 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 53 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 54 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 55 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 56 @ 4'	3/9/2021	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 57 @ 3'	3/8/2021	3'	Excavated	<0.050	0.304	20.2	65.1	85.3	67.1	152	<16.0
FL 57B @ 3.5'	3/15/2021	3.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 58 @ 4'	3/9/2021	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 59 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 60 @ 3'	3/8/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 61 @ 2'	3/8/2021	2'	Excavated	<0.050	<0.300	14.8	57.1	71.9	73.3	145	<16.0
FL 61B @ 2.5'	3/15/2021	2.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 62 @ 1'	3/8/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 63 @ 1'	3/8/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 64 @ 2'	3/8/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 65 @ 2'	3/8/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 66 @ 2'	3/8/2021	2'	In-Situ	<0.050	<0.300	<10.0	23.4	23.4	69.2	92.6	<16.0
FL 67 @ 2'	3/8/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 68 @ 2'	3/8/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 69 @ 6'	3/9/2021	6'	Excavated	<0.050	<0.300	11.7	152	164	99.1	263	32.0
FL 69 B @ 7'	3/17/2021	7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 70 @ 6'	3/9/2021	6'	Excavated	<0.050	0.848	31.1	145	176	98.5	275	<16.0
FL 70 B @ 7'	3/17/2021	7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 71 @ 6'	3/9/2021	6'	Excavated	<0.050	1.00	118	468	586	455	1,040	<16.0
FL 71 B @ 7'	3/17/2021	7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 72 @ 6'	3/9/2021	6'	Excavated	<0.050	<0.300	<10.0	51.7	51.7	67.9	120	16.0
FL 72 B @ 7'	3/17/2021	7'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 73 @ 2'	3/9/2021	2'	Excavated	<0.050	0.308	19.6	97.6	117	234	351	<16.0
FL 73 B @ 3'	3/17/2021	3'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 74 @ 3'	3/9/2021	3'	In-Situ	<0.050	<0.300	<10.0	27.8	27.8	40.5	68.3	<16.0
FL 75 @ 3'	3/9/2021	3'	Excavated	<0.050	<0.300	<10.0	25.0	25.0	90.9	116	<16.0
FL 75 B @ 4'	3/17/2021	4'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 76 @ 1'	3/9/2021	1'	Excavated	<0.050	0.578	23.5	97.3	121	118	239	16.0
FL 76 B @ 2'	3/17/2021	2'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 77 @ 1'	3/9/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 78 @ 1'	3/9/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 79 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	11.8	11.8	20.9	32.7	<16.0
FL 80 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 81b @ 1'	3/31/2021	1'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 81 @ 6"	3/9/2021	6"	Excavated	<0.050	<0.300	23.2	253	276	309	585	<16.0
FL 82 @ 1'	3/9/2021	1'	In-Situ	<0.050	<0.300	<10.0	17.6	17.6	19.1	36.7	<16.0
FL 83 B @ 1'	3/17/2021	1'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 83 @ 6"	3/9/2021	6"	Excavated	<0.050	<0.300	<10.0	57.1	57.1	75.9	133	<16.0
FL 84 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 85 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 86 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 87 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	37.6	37.6	10.9	48.5	<16.0
FL 88 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 89 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 90 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 91 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 92 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 93 @ 6"	3/9/2021	6"	In-Situ	<0.050	<0.300	<10.0	55.1	55.1	24.7	79.8	<16.0
FL 94 @ 6"	3/10/2021	6"	In-Situ	<0.050	<0.300	<10.0	14.2	14.2	11.8	26.0	<16.0
FL 95 @ 6"	3/10/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 96 @ 6"	3/10/2021	6"	In-Situ	<0.050	<0.300	<10.0	36.6	36.6	29.4	66.0	<16.0
FL 97 B @ 1'	3/17/2021	1'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 97 @ 6"	3/10/2021	6"	Excavated	<0.050	<0.300	14.5	154	169	131	300	<16.0
FL 98 B @ 1'	3/17/2021	1'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 98 @ 6"	3/10/2021	6"	Excavated	<0.050	<0.300	<10.0	71.5	71.5	49.5	121	48.0
FL 99 @ 6"	3/10/2021	6"	In-Situ	<0.050	<0.300	<10.0	42.6	42.6	28.8	71.4	<16.0
FL 100 @ 1'	3/10/2021	1'	In-Situ	<0.050	0.437	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 101 @ 1'	3/10/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 102 @ 1.5'	3/10/2021	1.5'	Excavated	<0.050	<0.300	<10.0	66.4	66.4	46.3	113	<16.0
FL102 B @ 2'	3/17/2021	2'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 103 @ 2'	3/10/2021	2'	In-Situ	<0.050	<0.300	<10.0	24.7	24.7	14.7	39.4	<16.0
FL 104 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	11.8	11.8	<10.0	11.8	<16.0
FL 105 @ 2'	3/10/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 106 @ 1.5'	3/10/2021	1.5'	Excavated	<0.050	<0.300	<10.0	67.6	67.6	41.6	109	<16.0
FL 106 B @ 2'	3/17/2021	2'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 107 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	47.9	47.9	30.8	78.7	<16.0
FL 108 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	13.5	13.5	20.9	34.4	<16.0
FL 109 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 110 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 111 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	15.3	15.3	<16.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 112 @ 2.5'	3/10/2021	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	10.1	10.1	<16.0
FL 113 @ 1.5'	3/10/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 114 @ 2.5'	3/10/2021	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 115 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 116 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 117 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 118 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 119 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 120 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 121 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 122 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 123 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 124 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 125 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 126 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 127 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 128 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 129 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 130 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 131 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 132 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 133 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 134 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 135 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 136 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	13.3	13.3	<10.0	13.3	<16.0
FL 137 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 138 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 139 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 140 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 141 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 142 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 143 @ 2'	3/11/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 144 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	10.4	10.4	<10.0	10.4	<16.0
FL 145 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 146 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 147 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 148 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 149 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 150 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	10.0	45.6	55.6	33.9	89.5	32.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ETC Texas Pipeline, Ltd.
0-6 Release
NMOCD Ref. #: nAPP2105732466

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 151 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 152 B @ 1.5'	3/18/2021	1.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 152 @ 6"	3/11/2021	6"	Excavated	<0.050	2.20	107	465	572	342	914	<16.0
FL 154 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 155 @ 1.5'	3/11/2021	1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 156 @ 6"	3/11/2021	6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 157 @ 1'	3/11/2021	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 158 @ 2'	3/11/2021	2'	Excavated	<0.050	1.99	79.2	269	348	251	599	<16.0
FL 158 B @ 2.5'	3/18/2021	2.5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 159 @ 1'	3/17/2021	1'	In-Situ	<0.050	<0.300	<10.0	14.5	14.5	<10.0	14.5	<16.0
FL 153 Sub-Excavation											
FL 153 B NEW	3/18/2021	0'-5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 153 B SWW	3/18/2021	0'-5'	In-Situ	<0.050	<0.300	<10.0	10.6	10.6	<10.0	10.6	<16.0
FL 153 @ 6"	3/11/2021	6"	Excavated	<0.050	<0.300	<10.0	71.9	71.9	62.2	134	<16.0
FL 153 B @ 5'	3/18/2021	5'	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
Kinder Morgan Pig Launcher Facility Sub-Excavation											
BH1 @ 2'	3/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
BH1 @ 3'	3/5/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
BH1 @ 4'	3/5/2021	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
KM FL 1 @ 2'	4/5/2021	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
KM FL 2 @ 2.5'	4/5/2021	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
North Trench Sub-Excavation											
NTW 1	3/11/2021	0'-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NTW 2	3/11/2021	0'-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NTFL 1 @ 6'	3/11/2021	6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NTFL 2 @ 6'	3/11/2021	6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
South Trench Sub-Excavation											
STW 1	3/11/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
STW 2	3/11/2021	0'-3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
STFL 1 @ 3'	3/11/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
STFL 2 @ 3'	3/11/2021	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

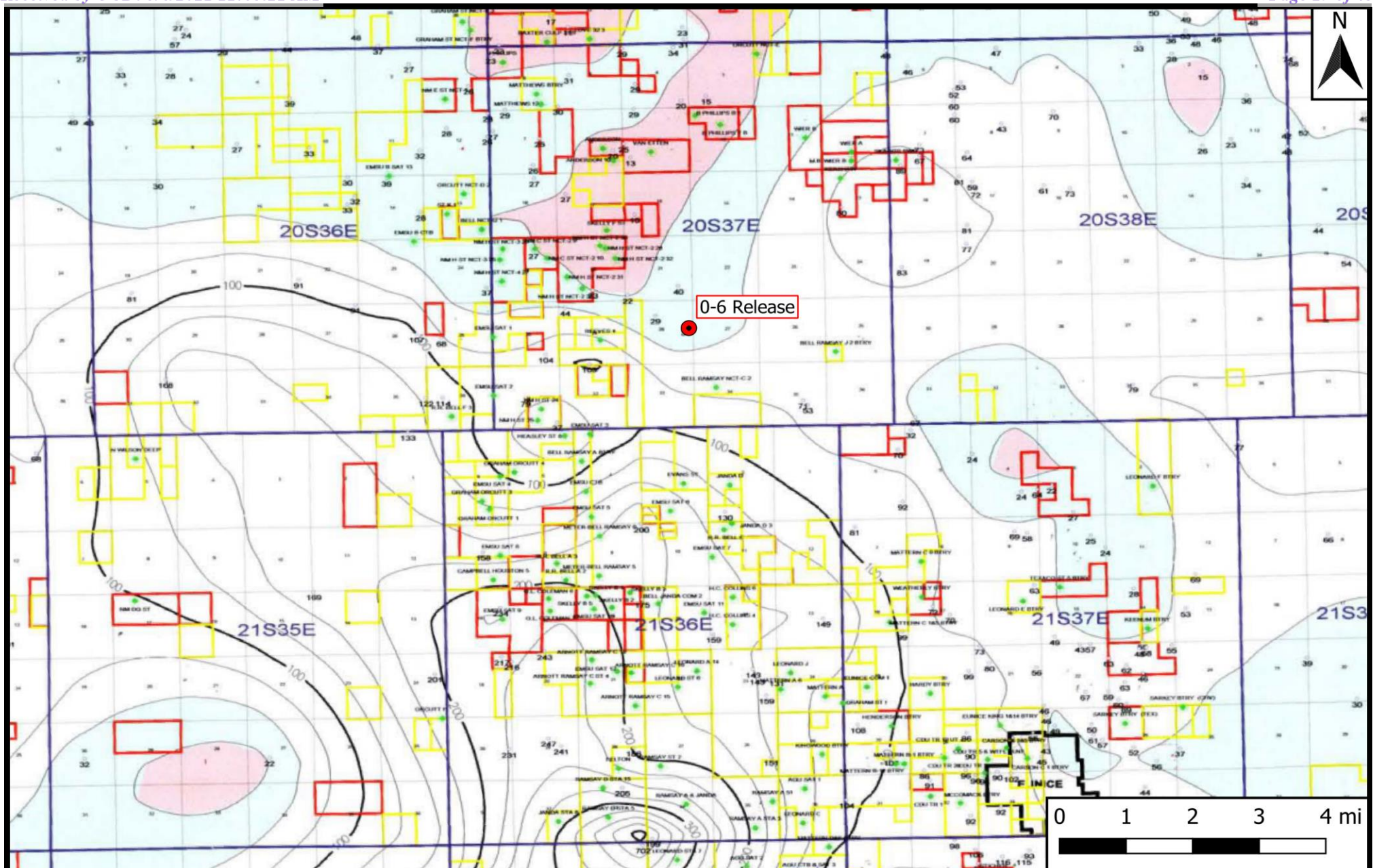
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Appendix A

Depth to Groundwater Information



Legend

● Site Location

Figure 4

Inferred Depth to Groundwater Trend Map

ETC Texas Pipeline, Ltd.

O-6 Release

GPS: 32.544639, -103.248778

Lea County

ETECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 4/23/21



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L_14583 POD3		L	LE	3	3	1	27	20S	37E	664647	3602313	260	65	53	12
L_14583 POD4		L	LE	1	3	1	27	20S	37E	664664	3602294	263	50		
L_14583 POD1		L	LE	1	3	1	27	20S	37E	664656	3602312	266	65	57	8
L_14583 POD2		L	LE	1	3	1	27	20S	37E	664664	3602311	272	63	57	6
Average Depth to Water:														55 feet	
Minimum Depth:														53 feet	
Maximum Depth:														57 feet	

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 664437.9

Northing (Y): 3602159.56

Radius: 804.67

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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
NA	L 14583 POD1	1	3	1	27	20S	37E	664656	3602312 

x

Driller License: 1186 **Driller Company:** ENVIRO-DRILL, INC.

Driller Name: RODNEY HAMMER

Drill Start Date: 11/26/2018	Drill Finish Date: 11/29/2018	Plug Date:
Log File Date: 12/17/2018	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 65 feet	Depth Water: 57 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	54	61	Sandstone/Gravel/Conglomerate
	61	65	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	44	65

x

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POINT OF DIVERSION SUMMARY




New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	L 14583 POD2	1	3	1	27	20S	37E	664664	3602311 

x

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: JOHN W WHITER

Drill Start Date: 12/13/2019	Drill Finish Date: 12/15/2019	Plug Date:
Log File Date: 12/26/2019	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 0 GPM
Casing Size: 2.00	Depth Well: 63 feet	Depth Water: 57 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	51	53	Sandstone/Gravel/Conglomerate
	53	63	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	43	63

x

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POINT OF DIVERSION SUMMARY




New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	L 14583 POD3	3	3	1	27	20S	37E	664647	3602313 

x

Driller License:	1456	Driller Company:	WHITE DRILLING COMPANY
-------------------------	------	-------------------------	------------------------

Driller Name:	JOHN W WHITE
----------------------	--------------

Drill Start Date:	12/12/2019	Drill Finish Date:	12/13/2019	Plug Date:	
Log File Date:	12/26/2019	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	0 GPM
Casing Size:	2.00	Depth Well:	65 feet	Depth Water:	53 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	49	56	Sandstone/Gravel/Conglomerate
	53	65	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	45	65

x

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	L 14583 POD4	1	3	1	27	20S	37E	664664	3602294

x

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: JOHN W WHITE

Drill Start Date: 12/12/2019 **Drill Finish Date:** 12/15/2019 **Plug Date:**

Log File Date: 12/26/2019 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 0 GPM

Casing Size: 2.00 **Depth Well:** 50 feet **Depth Water:**

x

Casing Perforations: **Top Bottom**

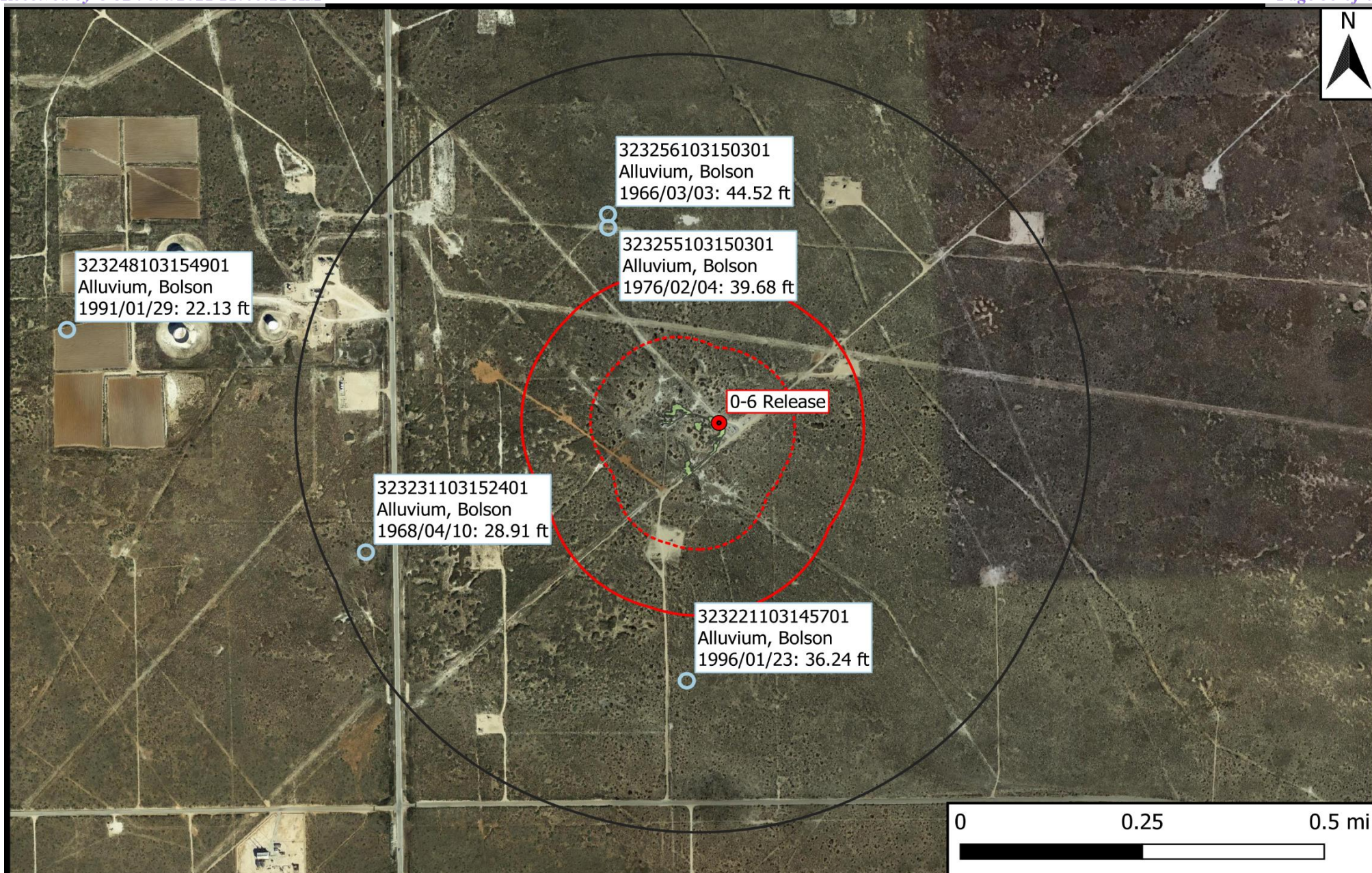
40 50

x

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2/22/21 12:44 PM

POINT OF DIVERSION SUMMARY



Legend

- Site Location
- Well - USGS
- Affected Area
- ⋯ 500-Ft Radius
- ▭ 1,000-Ft Radius
- ▭ 0.5-Mi Radius

Figure 5

USGS Well Proximity Map
ETC Texas Pipeline, Ltd.
O-6 Release
GPS: 32.544639, -103.248778
Lea County

eTECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 4/23/21



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Agency code = usgs

site_no list =
• 323221103145701

Minimum number of levels = 1

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USGS 323221103145701 20S.37E.28.24413

Lea County, New Mexico

Latitude 32°32'21", Longitude 103°14'57" NAD27

Land-surface elevation 3,506 feet above NAVD88

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1954-03-26			D	72019	38.38			3	Z		A
1961-02-28			D	72019	36.60			1	Z		A
1966-03-03			D	72019	39.71			3	Z		A
1971-01-15			D	72019	38.77			3	Z		A
1976-02-04			D	72019	35.94			1	Z		A
1981-02-11			D	72019	36.15			1	Z		A
1986-03-27			D	72019	35.70			1	Z		A
1991-01-25			D	72019	36.30			1	Z		A
1996-01-23			D	72019	36.24			1	S		A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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USGS 323231103152401 20S.37E.28.12443

Lea County, New Mexico

Latitude 32°32'31", Longitude 103°15'24" NAD27

Land-surface elevation 3,500 feet above NAVD88

The depth of the well is 60 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-03-26			D	72019	29.34			1	Z		A
1967-09-19			D	72019	28.69			1	Z		A
1968-04-10			D	72019	28.91			1	Z		A

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

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Title: Groundwater for USA: Water Levels

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

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0.34 0.3 nadww02





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Agency code = usgs

site_no list =

- 323248103154901

Minimum number of levels = 1

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USGS 323248103154901 20S.37E.21.333141

Lea County, New Mexico

Latitude 32°32'48", Longitude 103°15'49" NAD27

Land-surface elevation 3,508 feet above NAVD88

This well is completed in the High Plains aquifer (N100HGHPN) national aquifer.

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1961-03-01			D	72019	29.90			3	Z		A
1971-01-15			D	72019	23.54			1	Z		A
1976-01-27			D	72019	21.03			1	Z		A
1981-02-12			D	72019	22.37			1	Z		A
1986-03-25			D	72019	21.98			1	Z		A
1991-01-29			D	72019	22.13			1	Z		A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

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0.35 0.3 nadww02





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Agency code = usgs

site_no list =

- 323255103150301

Minimum number of levels = 1

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USGS 323255103150301 20S.37E.21.441123

Lea County, New Mexico

Latitude 32°32'55", Longitude 103°15'03" NAD27

Land-surface elevation 3,501 feet above NAVD88

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

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

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-04-10			D	72019	41.68			1	Z		A
1971-01-18			D	72019	40.72			1	Z		A
1976-02-04			D	72019	39.68			1	Z		A

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

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0.33 0.29 nadww02





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Agency code = usgs

site_no list =

- 323256103150301

Minimum number of levels = 1

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USGS 323256103150301 20S.37E.21.44112

Lea County, New Mexico

Latitude 32°32'56", Longitude 103°15'03" NAD27

Land-surface elevation 3,501 feet above NAVD88

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-03-26			D	72019	42.78			1	Z		A
1961-02-28			D	72019	42.04			1	Z		A
1966-03-03			D	72019	44.52			1	Z		A

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

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Title: Groundwater for USA: Water Levels

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

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0.32 0.29 nadww02



Appendix B

Photographic Log

Photographic Log



Photo Number: 1	
Photo Direction: Northeast	
Photo Description: Aerial View of the Release	

Photo Number: 2	
Photo Direction: Northeast	
Photo Description: Aerial View of the Release	

Photographic Log



Photo Number: 3	
Photo Direction: North	
Photo Description: Aerial View of the Release	

Photo Number: 4	 <div data-bbox="959 1127 1435 1226">Feb 23, 2021 at 8:32:03 AM +32.544746,-103.249193 ±10.00m 189° S</div>
Photo Direction: South	
Photo Description: View of a Pooling Area of the Release	


Photographic Log

Photo Number: 5	 <p>Feb 23, 2021 at 8:32:28 AM +32.544720,-103.249308 ±5.00m 117° SE</p>
Photo Direction: Southeast	
Photo Description: View of a Pooling Area of the Release	

Photo Number: 6	 <p>March 31, 2021 at 10:43 AM +32.545071,-103.248868</p>
Photo Direction: Southeast	
Photo Description: View of a Portion of the Excavation Near the Point of Release	

Photographic Log

Photo Number: 7	
Photo Direction: Southeast	
Photo Description: View of a Portion of the Excavation Near the Point of Release	

Photo Number: 8	
Photo Direction: North	
Photo Description: View of a Portion of the Southern Section of the Excavation	

Photographic Log



Photo Number: 9	
Photo Direction: Northeast	
Photo Description: View of a Portion of the Southern Section of the Excavation	

Photo Number: 10	
Photo Direction: Southeast	
Photo Description: View of a Portion of the Central Section of the Excavation	

Photographic Log

Photo Number: 11	
Photo Direction: Northeast	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photo Number: 12	
Photo Direction: South	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photographic Log

Photo Number: 13	
Photo Direction: North	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photo Number: 14	
Photo Direction: Southeast	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photographic Log

Photo Number: 15	 A photograph showing a sandy, brown remediated area. In the background, there is industrial equipment, including a large white pipe and a yellow structure. The sky is overcast. A timestamp in the top right corner reads "March 30, 2021 at 8:21 AM" and a phone number "+32.544572,-103.248770".
Photo Direction: South	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photo Number: 16	 A photograph showing a sandy, brown remediated area with sparse, low-lying vegetation. In the background, there are utility poles and a clear sky. A timestamp in the top right corner reads "March 30, 2021 at 8:21 AM" and a phone number "+32.544572,-103.248770".
Photo Direction: Southwest	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photographic Log



Photo Number: 17	 <p>March 30, 2021 at 8:20 AM +32.544698 -103.249089</p>
Photo Direction: Northwest	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photo Number: 18	 <p>March 30, 2021 at 8:20 AM +32.544710 -103.248856</p>
Photo Direction: West-Northwest	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photographic Log

Photo Number: 19	
Photo Direction: West	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Photo Number: 20	
Photo Direction: South	
Photo Description: View of the Remediated Area After Backfilling & Regrading	

Appendix C

Laboratory Analytical Reports



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

March 09, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/05/21 15:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 1 (H210547-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/05/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/05/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/05/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/05/2021	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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.6 % 42.2-156

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 2 (H210547-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 3 (H210547-03)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/08/2021	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	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 4 (H210547-04)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/08/2021	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	<16.0	16.0	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 5 (H210547-05)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.8 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 6 (H210547-06)

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	03/08/2021	ND	2.10	105	2.00	0.593		
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01		
Total BTEx	<0.300	0.300	03/08/2021	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	<16.0	16.0	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.6 % 42.2-156

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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 7 (H210547-07)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 80.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.3 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 1 (H210547-08)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.6 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 2 (H210547-09)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 3 (H210547-10)

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	03/08/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/08/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.11	102	6.00	1.01	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 4 (H210547-11)

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	03/08/2021	ND	1.88	93.8	2.00	4.64	
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70	
Total BTEX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.8 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 5 (H210547-12)

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	03/08/2021	ND	1.88	93.8	2.00	4.64		
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70		
Total BTX	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 6 (H210547-13)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2021	ND	1.88	93.8	2.00	4.64	
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 1 (H210547-14)

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	03/08/2021	ND	1.88	93.8	2.00	4.64	
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.4 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 2 (H210547-15)

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	03/08/2021	ND	1.88	93.8	2.00	4.64	
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/08/2021	ND	400	100	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	18.6	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	12.8	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 3 (H210547-16)

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	03/08/2021	ND	1.88	93.8	2.00	4.64	
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70	
Total BTEX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	19.7	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.3 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 4 (H210547-17)

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	03/08/2021	ND	1.88	93.8	2.00	4.64		
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70		
Total BTEX	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	84.8	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	89.3	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.5 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 5 (H210547-18)

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	03/08/2021	ND	1.88	93.8	2.00	4.64		
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70		
Total BTEX	<0.300	0.300	03/08/2021	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	<16.0	16.0	03/08/2021	ND	400	100	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	22.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 6 (H210547-19)

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	03/08/2021	ND	1.88	93.8	2.00	4.64		
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70		
Total BTEx	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 7 (H210547-20)

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	03/08/2021	ND	1.88	93.8	2.00	4.64		
Toluene*	<0.050	0.050	03/08/2021	ND	1.96	98.0	2.00	4.85		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	1.96	97.9	2.00	4.72		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	102	6.00	4.70		
Total BTEX	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.6 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 8 (H210547-21)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 9 (H210547-22)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156

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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 10 (H210547-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	2.44		
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08		
Total BTEx	<0.300	0.300	03/08/2021	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	03/08/2021	ND	368	92.0	400	8.33	

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 11 (H210547-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTEx	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.4 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 12 (H210547-25)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 13 (H210547-26)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	226	113	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	259	130	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 75.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.9 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 14 (H210547-27)

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	03/08/2021	ND	2.12	106	2.00	2.44		
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08		
Total BTX	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 15 (H210547-28)

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	03/08/2021	ND	2.12	106	2.00	2.44		
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08		
Total BTX	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.1 % 42.2-156

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Analytical Results For:

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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 16 (H210547-29)

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	03/08/2021	ND	2.12	106	2.00	2.44		
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80		
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90		
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08		
Total BTEx	<0.300	0.300	03/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	29.7	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	56.5	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 17 (H210547-30)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTEx	<0.300	0.300	03/08/2021	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	<16.0	16.0	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 18 (H210547-31)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	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	03/08/2021	ND	368	92.0	400	8.33	

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 19 (H210547-32)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTX	<0.300	0.300	03/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 20 (H210547-33)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTEx	<0.300	0.300	03/08/2021	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	03/08/2021	ND	368	92.0	400	8.33	

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	18.2	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	29.2	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/04/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 21 (H210547-34)

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTEx	<0.300	0.300	03/08/2021	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	03/08/2021	ND	368	92.0	400	8.33		

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	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.6 % 42.2-156

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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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 4

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: P.O. Box 301 City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429 Project #: 13849 Project Owner: ETC Project Name: 0-6 Release Project Location: Rural Lea, NM Sampler Name: Matthew Grieco		BILL TO P.O. #: Company: ETC Attn: Dean Ericsson Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST												
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING		Chloride		TPH (8015M)		BTEX (8021B)		
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		
H210547																
1	NW1	0	1			X				X			3/4/21		X	X
2	NW2															
3	NW3															
4	NW4															
5	NW5															
6	NW6															
7	NW7															
8	SW1															
9	SW2															
10	SW3															
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																
Relinquished By: <i>[Signature]</i> Date: 3-5-21 Time: 1540		Received By: <i>[Signature]</i> Date: Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:		Add'l Phone #: Add'l Fax #:										
Relinquished By: Date: Time:		Received By: Date: Time:		Please email results to pm@etechenv.com.												
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0.6i #113				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) TO										



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 4

Page 38 of 40

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																																																																																																																																																																																																
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																																																																																																																																																																																																
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<div style="display: flex;"> <div style="flex: 1;"> FOR LAB USE ONLY </div> <div style="flex: 1;"> <table border="1"> <thead> <tr> <th rowspan="2">Lab I.D.</th> <th rowspan="2">Sample I.D.</th> <th rowspan="2">(G)RAB OR (C)OMP.</th> <th rowspan="2"># CONTAINERS</th> <th colspan="6">MATRIX</th> <th colspan="2">PRESERV.</th> <th colspan="2">SAMPLING</th> <th rowspan="2">DATE</th> <th rowspan="2">TIME</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>OTHER :</th> <th>ACID/BASE</th> <th>ICE / COOL</th> <th>OTHER :</th> </tr> </thead> <tbody> <tr> <td>H210547</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>SW4</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>3/4/21</td> <td></td> </tr> <tr> <td>12</td> <td>SW5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>SW6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td>FL1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>FL2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>FL3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>17</td> <td>FL4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>FL5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>FL6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>FL7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> </div>																Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	H210547																11	SW4					X					X			3/4/21		12	SW5															13	SW6															14	FL1															15	FL2															16	FL3															17	FL4															18	FL5															19	FL6															20	FL7														
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<small> RELEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. </small>																																																																																																																																																																																																																								
Relinquished By: <i>Matthew Grieco</i>				Date: 3-5-21				Received By: <i>Tamara Reddy</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																																																																																																																																																																																																								
Time: 1540				Date:				Time:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																																																																																																																																																																																																								
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				REMARKS:																																																																																																																																																																																																												
Sampler - UPS - Bus - Other: D.G.C. #113				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				(Initials) J.D.																																																																																																																																																																																																												

Please email results to pm@etechenv.com.

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 4

Page 39 of 40

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CARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																			
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: P.O. Box 301				Company: ETC																							
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																							
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																							
Project #: 13849 Project Owner: ETC				City:																							
Project Name: 0-6 Release				State: Zip:																							
Project Location: Rural Lea, NM				Phone #:																							
Sampler Name: Matthew Grieco				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME													
H210547																											
31	FL 18					X				X			3/4/21		X	X	X										
32	FL 19																										
33	FL 20																										
34	FL 21																										
<div style="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">X</div>																											
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																											
Relinquished By:		Date: 3-5-21		Received By:		Time: 1540		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS: Please email results to pm@etechenv.com.															
Relinquished By:		Date:		Received By:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																	
Delivered By: (Circle One)				Sample Condition		CHECKED BY: (Initials)																					
Sampler - UPS - Bus - Other:		0.6i #113		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		Y																					

FORM-006
Revision 1.0

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



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

March 11, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/08/21 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 8 (H210561-01)

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	03/09/2021	ND	1.94	96.9	2.00	3.83	QR-03
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.2 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 9 (H210561-02)

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	03/09/2021	ND	1.94	96.9	2.00	3.83	
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/10/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 10 (H210561-03)

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	03/09/2021	ND	1.94	96.9	2.00	3.83		
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60		
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20		
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14		
Total BTEX	<0.300	0.300	03/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 11 (H210561-04)

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	03/09/2021	ND	1.94	96.9	2.00	3.83	
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 99.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 12 (H210561-05)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 13 (H210561-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 14 (H210561-07)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	14.7	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 15 (H210561-08)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.4 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 16 (H210561-09)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 7 (H210561-10)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.0 % 42.2-156

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 8 (H210561-11)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 9 (H210561-12)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.6 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 10 (H210561-13)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 11 (H210561-14)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 12 (H210561-15)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	QR-03
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.6 % 42.2-156

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 13B (H210561-16)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 14 (H210561-17)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTEx	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.1 % 42.2-156

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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 15 (H210561-18)

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	03/09/2021	ND	2.08	104	2.00	0.677		
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590		
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694		
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471		
Total BTX	<0.300	0.300	03/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 16 (H210561-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH1 @ 2' (H210561-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH1 @ 3' (H210561-21)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH1 @ 4' (H210561-22)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 22 @ 1' (H210561-23)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 23 @ 1' (H210561-24)

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	03/09/2021	ND	2.08	104	2.00	0.677	
Toluene*	<0.050	0.050	03/09/2021	ND	2.10	105	2.00	0.590	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.03	101	2.00	0.0694	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	5.93	98.8	6.00	0.0471	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 24 @ 1' (H210561-25)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.8 % 42.2-156

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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 25 @ 1' (H210561-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 26 @ 1' (H210561-27)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.3 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 27 @ 1.5' (H210561-28)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 28 @ 1.5' (H210561-29)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 29 @ 1.5' (H210561-30)

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	03/10/2021	ND	2.13	107	2.00	0.549		
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32		
Total BTX	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 108 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 30 @ 1.5' (H210561-31)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.7 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 31 @ 2' (H210561-32)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 32 @ 1.5' (H210561-33)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 33 @ 1.5' (H210561-34)

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	03/10/2021	ND	2.13	107	2.00	0.549		
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32		
Total BTX	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	191	95.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	207	104	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 34 @ 1.5' (H210561-35)

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	03/10/2021	ND	2.13	107	2.00	0.549		
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32		
Total BTX	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	205	103	200	0.0429	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	228	114	200	0.421	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 35 @ 1.5' (H210561-36)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	205	103	200	0.0429	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	228	114	200	0.421	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.8 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 36 @ 2' (H210561-37)

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	03/10/2021	ND	2.13	107	2.00	0.549		
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	205	103	200	0.0429	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	228	114	200	0.421	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 37 @ 2' (H210561-38)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	205	103	200	0.0429	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	228	114	200	0.421	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.9 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 38 @ 1.5' (H210561-39)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	205	103	200	0.0429	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	228	114	200	0.421	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.5 % 42.2-156

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Analytical Results For:

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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 39 @ 1.5' (H210561-40)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 40 @ 1' (H210561-41)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 41 @ 1' (H210561-42)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 42 @ 1' (H210561-43)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTEX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 43 @ 1' (H210561-44)

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	03/10/2021	ND	2.13	107	2.00	0.549	
Toluene*	<0.050	0.050	03/10/2021	ND	2.15	107	2.00	1.72	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.14	102	6.00	1.32	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/10/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	32.9	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	30.2	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 73.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 44 @ 2' (H210561-45)

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	03/09/2021	ND	2.14	107	2.00	0.666		
Toluene*	<0.050	0.050	03/09/2021	ND	2.16	108	2.00	0.423		
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.11	106	2.00	0.619		
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.21	103	6.00	0.627		
Total BTEx	<0.300	0.300	03/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 45 @ 2.5' (H210561-46)

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	03/09/2021	ND	2.14	107	2.00	0.666	
Toluene*	<0.050	0.050	03/09/2021	ND	2.16	108	2.00	0.423	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.11	106	2.00	0.619	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.21	103	6.00	0.627	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 46 @ 3' (H210561-47)

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	03/09/2021	ND	2.14	107	2.00	0.666	
Toluene*	<0.050	0.050	03/09/2021	ND	2.16	108	2.00	0.423	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.11	106	2.00	0.619	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.21	103	6.00	0.627	
Total BTX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 03/08/2021
 Reported: 03/11/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 47 @ 3' (H210561-48)

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	03/10/2021	ND	2.14	107	2.00	0.666		
Toluene*	<0.050	0.050	03/10/2021	ND	2.16	108	2.00	0.423		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.11	106	2.00	0.619		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.21	103	6.00	0.627		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/10/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 70.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 51 of 55

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																													
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																													
Address: P.O. Box 301				Company: ETC																																	
City: Lovington		State: NM		Zip: 88260		Attn: Dean Ericsson																															
Phone #: (575) 396-2378		Fax #: (575) 396-1429		Address:																																	
Project #: 13849		Project Owner: ETC		City:																																	
Project Name: 0-6 Release				State:																Zip:																	
Project Location: Rural Lea, NM				Phone #:																																	
Sampler Name: Matthew Grieco				Fax #:																																	
<div style="display: flex;"> <div style="flex: 1;"> FOR LAB USE ONLY Lab I.D. H210561 </div> <div style="flex: 2;"> Sample I.D. </div> <div style="flex: 1;"> <table border="1"> <tr> <th rowspan="2">(G)RAB OR (C)OMP.</th> <th rowspan="2"># CONTAINERS</th> <th colspan="5">MATRIX</th> <th colspan="2">PRESERV.</th> <th colspan="2">SAMPLING</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>OTHER :</th> <th>ACID/BASE:</th> <th>ICE / COOL</th> <th>OTHER :</th> <th>DATE</th> <th>TIME</th> </tr> </table> </div> </div>																(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING																												
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																									
1	NW8	C	1			X				X		3/5/21		X	X	X																					
2	NW9	C	1			X				X		3/5/21		X	X	X																					
3	NW10	C	1			X				X		3/5/21		X	X	X																					
4	NW11	C	1			X				X		3/5/21		X	X	X																					
5	NW12	C	1			X				X		3/5/21		X	X	X																					
6	NW13	C	1			X				X		3/5/21		X	X	X																					
7	NW14	C	1			X				X		3/5/21		X	X	X																					
8	NW15	C	1			X				X		3/5/21		X	X	X																					
9	NW16	C	1			X				X		3/5/21		X	X	X																					
10	SW7	C	1			X				X		3/5/21		X	X	X																					

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Relinquished By: Date: 3-8-21 Time: 1600	Received By: Date: Time:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: Please email results to pm@etechenv.com.
Relinquished By: Date: Time:	Received By:	

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -6.4c #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) TO
--	---	--

FORM-006
Revision 1.0

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

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.						BILL TO								ANALYSIS REQUEST															
Project Manager: Joel Lowry						P.O. #:						<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																	
Address: P.O. Box 301						Company: ETC																							
City: Lovington			State: NM			Zip: 88260			Attn: Dean Ericsson																				
Phone #: (575) 396-2378			Fax #: (575) 396-1429			Address:																							
Project #: 13849			Project Owner: ETC			City:																							
Project Name: 0-6 Release						State:																Zip:							
Project Location: Rural Lea, NM						Phone #:																							
Sampler Name: Matthew Grieco						Fax #:																							
FOR LAB USE ONLY						MATRIX						PRESERV.		SAMPLING															
Lab I.D.		Sample I.D.				(G/RAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
H210561						G	1			X				X			3/5/21		X	X	X								
21 BH1 @ 3'						G	1			X				X			3/5/21		X	X	X								
23 FL22 @ 1'						C	1			X				X			3/5/21		X	X	X								
24 FL23 @ 1'						C	1			X				X			3/5/21		X	X	X								
25 FL24 @ 1'						C	1			X				X			3/5/21		X	X	X								
26 FL25 @ 1'						C	1			X				X			3/5/21		X	X	X								
27 FL26 @ 1'						C	1			X				X			3/5/21		X	X	X								
28 FL27 @ 1.5'						C	1			X				X			3/5/21		X	X	X								
29 FL28 @ 1.5'						C	1			X				X			3/5/21		X	X	X								
30 FL29 @ 1.5'						C	1			X				X			3/5/21		X	X	X								
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Relinquished By:						Date: 3-8-21						Received By:						Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No						Add'l Phone #:					
						Time: 1600												Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No						Add'l Fax #:					
Relinquished By:						Date:						Received By:						REMARKS:											
Delivered By: (Circle One)						Sample Condition						CHECKED BY:						Please email results to pm@etechenv.com.											
Sampler - UPS - Bus - Other: -6.4' #13						Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						(Initials) J.D.																	

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO						ANALYSIS REQUEST														
Company Name: Etech Environmental & Safety Solutions, Inc.							P.O. #:	Chloride TPH (8015M) BTEX (8021B)												
Project Manager: Joel Lowry							Company: ETC													
Address: P.O. Box 301							Attn: Dean Ericsson													
City: Lovington State: NM Zip: 88260							Address:													
Phone #: (575) 396-2378 Fax #: (575) 396-1429							City:													
Project #: 13849 Project Owner: ETC							State: Zip:													
Project Name: O-6 Release							Phone #:													
Project Location: Rural Lea, NM							Fax #:													
Sampler Name: Matthew Grieco																				
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING														
Lab I.D.	Sample I.D.	(GRAB OR C)COMP. # CONTAINERS	GROUNDWATER WASTEWATER	SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE 	TIME													
H210561																				
41 FL40 @ 1'	C 1	X			X	3/5/21		X	X	X										
42 FL41 @ 1'	C 1	X			X	3/5/21		X	X	X										
43 FL42 @ 1'	C 1	X			X	3/5/21		X	X	X										
44 FL43 @ 1'	C 1	X			X	3/5/21		X	X	X										
45 FL44 @ 2'	C 1	X			X	3/5/21		X	X	X										
46 FL45 @ 2.5'	C 1	X			X	3/5/21		X	X	X										
47 FL46 @ 3'	C 1	X			X	3/5/21		X	X	X										
48 FL47 @ 3'	C 1	X			X	3/5/21		X	X	X										
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Relinquished By: [Signature]		Date: 3-8-21	Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:															
		Time: 1000			Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:															
REMARKS:																				
Relinquished By:		Date:	Received By:																	
		Time:																		
Delivered By: (Circle One)		Sample Condition Cool Intact		CHECKED BY: (Initials)		Please email results to pm@etechenv.com.														
Sampler - UPS - Bus - Other: -G.C. #113		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		J-O																



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

March 15, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/09/21 16:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 17 (H210571-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.4 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 18 (H210571-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.5 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 19 (H210571-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 20 (H210571-04)

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	03/10/2021	ND	2.09	105	2.00	1.35		
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 17 (H210571-05)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.9 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 18 (H210571-06)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.6 % 42.2-156

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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 19 (H210571-07)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 20 (H210571-08)

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	03/10/2021	ND	2.09	105	2.00	1.35		
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	199	99.5	200	3.06	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	213	106	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.5 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 21 (H210571-09)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.4 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 22 (H210571-10)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.7 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 48 @ 3' (H210571-11)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 49 @ 3' (H210571-12)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.3 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 50 @ 3' (H210571-13)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.9 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 52 @ 3' (H210571-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 53 @ 3' (H210571-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.0 % 42.2-156

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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 54 @ 3' (H210571-16)

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	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.1 % 42.2-156

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Analytical Results For:

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 JOEL LOWRY
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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 55 @ 3' (H210571-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.09	105	2.00	1.35	
Toluene*	<0.050	0.050	03/10/2021	ND	2.10	105	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.05	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.04	101	6.00	1.37	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.1 % 42.2-156

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 57 @ 3' (H210571-18)

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	03/10/2021	ND	2.12	106	2.00	2.66	QR-03
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	QR-03
Ethylbenzene*	0.061	0.050	03/10/2021	ND	2.08	104	2.00	2.91	QR-03
Total Xylenes*	0.244	0.150	03/10/2021	ND	6.10	102	6.00	2.80	QR-03
Total BTX	0.304	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500CI-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.2	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	65.1	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	67.1	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.9 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 59 @ 3' (H210571-19)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 60 @ 3' (H210571-20)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 61 @ 2' (H210571-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.8	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	57.1	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	73.3	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.6 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 1 (H210571-22)

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	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 2 (H210571-23)

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	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.2 % 42.2-156

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Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 3 (H210571-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTEx	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.0 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 Fax To: (575) 396-1429

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 1 (H210571-25)

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	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.9 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 3 (H210571-26)

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	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.5 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 62 @ 1' (H210571-27)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 63 @ 1' (H210571-28)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEX	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	204	102	200	0.429	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	228	114	200	0.0272	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 64 @ 2' (H210571-29)

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	03/10/2021	ND	2.12	106	2.00	2.66	
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12	
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91	
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80	
Total BTX	<0.300	0.300	03/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.1 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 65 @ 2' (H210571-30)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEX	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.0 % 42.2-156

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Analytical Results For:

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Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 66 @ 2' (H210571-31)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	23.4	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	69.2	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 67 @ 2' (H210571-32)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 68 @ 2' (H210571-33)

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	03/10/2021	ND	2.12	106	2.00	2.66		
Toluene*	<0.050	0.050	03/10/2021	ND	2.13	106	2.00	3.12		
Ethylbenzene*	<0.050	0.050	03/10/2021	ND	2.08	104	2.00	2.91		
Total Xylenes*	<0.150	0.150	03/10/2021	ND	6.10	102	6.00	2.80		
Total BTEx	<0.300	0.300	03/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/11/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager


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101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 36 of 39

Company Name: Etech Environmental & Safety Solutions, Inc.										BILL TO										ANALYSIS REQUEST																																							
Project Manager: Joel Lowry										P.O. #:										<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																																							
Address: P.O. Box 301										Company: ETC																																																	
City: Lovington					State: NM					Zip: 88260					Attn: Dean Ericsson																																												
Phone #: (575) 396-2378					Fax #: (575) 396-1429					Address:																																																	
Project #: 13849					Project Owner: ETC					City:																																																	
Project Name: 0-6 Release										State:																				Zip:																													
Project Location: Rural Lea, NM										Phone #:																																																	
Sampler Name: Matthew Grieco										Fax #:																																																	
FOR LAB USE ONLY																																																											
Lab I.D. H210571										Sample I.D.																																																	
										(G)RAB OR (C)OMP. # CONTAINERS										MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :										PRESERV. ACID/BASE ICE / COOL OTHER :										SAMPLING DATE TIME																			
1 NW17										C 1										X										X										3/8/21																			
2 NW18										C 1										X										X										3/8/21																			
3 NW19										C 1										X										X										3/8/21																			
4 NW20										C 1										X										X										3/8/21																			
5 SW17										C 1										X										X										3/8/21																			
6 SW18										C 1										X										X										3/8/21																			
7 SW19										C 1										X										X										3/8/21																			
8 SW20										C 1										X										X										3/8/21																			
9 SW21										C 1										X										X										3/8/21																			
10 SW22										C 1										X										X										3/8/21																			
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Relinquished By:										Date: 3-9-21 Time: 1630										Received By:										Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																													
Relinquished By:										Date:										Received By:										Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																													
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.3c #1/3										Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: (Initials) J.O.										REMARKS: Please email results to pm@etechenv.com.																													

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 37 of 39

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																					
Address: P.O. Box 301				Company: ETC																									
City: Lovington		State: NM		Zip: 88260		Attn: Dean Ericsson																							
Phone #: (575) 396-2378		Fax #: (575) 396-1429		Address:		City:																							
Project #: 13849		Project Owner: ETC		State:		Zip:																							
Project Name: 0-6 Release		Phone #:		Fax #:																									
Project Location: Rural Lea, NM																													
Sampler Name: Matthew Grieco																													
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			
H210571																													
11 FL48 @ 3'				C 1				X										X						3/8/21				X X X	
12 FL49 @ 3'				C 1				X										X						3/8/21				X X X	
13 FL50 @ 3'				C 1				X										X						3/8/21				X X X	
14 FL52 @ 3'				C 1				X										X						3/8/21				X X X	
15 FL53 @ 3'				C 1				X										X						3/8/21				X X X	
16 FL54 @ 3'				C 1				X										X						3/8/21				X X X	
17 FL55 @ 3'				C 1				X										X						3/8/21				X X X	
18 FL57 @ 3'				C 1				X										X						3/8/21				X X X	
19 FL59 @ 3'				C 1				X										X						3/8/21				X X X	
20 FL60 @ 3'				G 1				X										X						3/8/21				X X X	
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Relinquished By: <i>[Signature]</i>				Date: 3-9-21		Received By: <i>[Signature]</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:															
				Time: 1630						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:															
Relinquished By:				Date:		Received By:				REMARKS:																			
				Time:																									
Delivered By: (Circle One)								Sample Condition				CHECKED BY:																	
Sampler - UPS - Bus - Other: 1.3e #113								Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				(Initials) TO																	

Please email results to pm@etechenv.com.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 38 of 39

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Project Manager: Joel Lowry										P.O. #:										<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>									
Address: P.O. Box 301										Company: ETC																			
City: Lovington State: NM Zip: 88260										Attn: Dean Ericsson																			
Phone #: (575) 396-2378 Fax #: (575) 396-1429										Address:																			
Project #: 13849 Project Owner: ETC										City:																			
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Sampler Name: Matthew Grieco										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																	
H210571																													
21		FL61 @ 2'		G 1		X				X		3/8/21		X X X															
22		EW1		G 1		X				X		3/8/21		X X X															
23		EW2		C 1		X				X		3/8/21		X X X															
24		EW3		C 1		X				X		3/8/21		X X X															
25		WW1		C 1		X				X		3/8/21		X X X															
26		WW3		C 1		X				X		3/8/21		X X X															
27		FL62 @ 1'		C 1		X				X		3/8/21		X X X															
28		FL63 @ 1'		C 1		X				X		3/8/21		X X X															
29		FL64 @ 2'		C 1		X				X		3/8/21		X X X															
30		FL65 @ 2'		C 1		X				X		3/8/21		X X X															
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p>																													
Relinquished By:				Date: 3-9-21		Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:															
				Time: 1630						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:															
Relinquished By:				Date:		Received By:				REMARKS:																			
				Time:																									
Delivered By: (Circle One)										Sample Condition				CHECKED BY:															
Sampler - UPS - Bus - Other:										Cool Intact				(Initials)															
1.3c #113										<input type="checkbox"/> Yes <input type="checkbox"/> No				TO															

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

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

April 26, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/10/21 16:05.

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

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW 23	H210601-01	Soil	09-Mar-21 00:00	10-Mar-21 16:05
SW 24	H210601-02	Soil	09-Mar-21 00:00	10-Mar-21 16:05
SW 25	H210601-03	Soil	09-Mar-21 00:00	10-Mar-21 16:05
NW 21	H210601-04	Soil	09-Mar-21 00:00	10-Mar-21 16:05
NW 22D	H210601-05	Soil	09-Mar-21 00:00	10-Mar-21 16:05
NW 23D	H210601-06	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 69 @ 6'	H210601-07	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 70 @ 6'	H210601-08	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 71 @ 6'	H210601-09	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 72 @ 6'	H210601-10	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 73 @ 2'	H210601-11	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 74 @ 3'	H210601-12	Soil	09-Mar-21 00:00	10-Mar-21 16:05
FL 75 @ 3'	H210601-13	Soil	09-Mar-21 00:00	10-Mar-21 16:05

04/26/21 - Client changed the sample IDs on -01, -02 and -03. This is the revised report and will replace the one sent on 03/15/21.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

SW 23**H210601-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	QR-03
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	QR-03
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129 1031115 ms 12-Mar-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	24.6		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	47.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane 81.7 % 44.3-144 1031109 MS 12-Mar-21 8015B

Surrogate: 1-Chlorooctadecane 83.9 % 42.2-156 1031109 MS 12-Mar-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

SW 24**H210601-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		73.3-129	1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	98.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	65.1		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			83.6 %		44.3-144	1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			82.4 %		42.2-156	1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

SW 25**H210601-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		73.3-129	1031115	ms	12-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	25.7		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			84.9 %		44.3-144	1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			87.9 %		42.2-156	1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

NW 21**H210601-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	0.121		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	0.264		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	0.385		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %	73.3-129		1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	15.8		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	153		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	112		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			89.3 %	44.3-144		1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			85.8 %	42.2-156		1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

NW 22D
H210601-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1031115	MS	15-Mar-21	8021B	
Toluene*	0.325		0.050	mg/kg	50	1031115	MS	15-Mar-21	8021B	
Ethylbenzene*	1.52		0.050	mg/kg	50	1031115	MS	15-Mar-21	8021B	
Total Xylenes*	5.03		0.150	mg/kg	50	1031115	MS	15-Mar-21	8021B	
Total BTEX	6.88		0.300	mg/kg	50	1031115	MS	15-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		225 %		73.3-129		1031115	MS	15-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	322		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	2020		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	1670		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane		188 %		44.3-144		1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane		114 %		42.2-156		1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

NW 23D
H210601-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Ethylbenzene*	0.171		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	0.320		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	0.491		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			129 %	73.3-129		1031115	ms	12-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	30.5		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	340		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	209		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			88.3 %	44.3-144		1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			85.2 %	42.2-156		1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 69 @ 6'
H210601-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Ethylbenzene*	0.068		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	0.170		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		122 %		73.3-129		1031115	ms	12-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	11.7		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	152		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	99.1		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane		78.6 %		44.3-144		1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane		76.1 %		42.2-156		1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 70 @ 6'
H210601-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Ethylbenzene*	0.294		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	0.554		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	0.848		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			133 %		73.3-129	1031115	ms	12-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	31.1		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
DRO >C10-C28*	145		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	98.5		10.0	mg/kg	1	1031109	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			89.4 %		44.3-144	1031109	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			82.2 %		42.2-156	1031109	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 71 @ 6'
H210601-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	0.195		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	0.805		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	1.00		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			156 %		73.3-129	1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	118		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	QR-03
DRO >C10-C28*	468		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	QR-03
EXT DRO >C28-C36	455		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			103 %		44.3-144	1031110	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			89.1 %		42.2-156	1031110	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 72 @ 6'
H210601-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	12-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	12-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	73.3-129		1031115	ms	12-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
DRO >C10-C28*	51.7		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	67.9		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			82.5 %	44.3-144		1031110	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			81.9 %	42.2-156		1031110	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 73 @ 2'
H210601-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	0.099		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	0.209		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	0.308		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			121 %		73.3-129	1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	19.6		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
DRO >C10-C28*	97.6		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	234		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			90.4 %		44.3-144	1031110	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			86.9 %		42.2-156	1031110	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 74 @ 3'
H210601-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		73.3-129	1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
DRO >C10-C28*	27.8		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	
EXT DRO >C28-C36	40.5		10.0	mg/kg	1	1031110	MS	12-Mar-21	8015B	

Surrogate: 1-Chlorooctane			78.6 %		44.3-144	1031110	MS	12-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			79.0 %		42.2-156	1031110	MS	12-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

FL 75 @ 3'
H210601-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1031213	AC	12-Mar-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1031115	ms	13-Mar-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1031115	ms	13-Mar-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	73.3-129		1031115	ms	13-Mar-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031110	MS	11-Mar-21	8015B	
DRO >C10-C28*	25.0		10.0	mg/kg	1	1031110	MS	11-Mar-21	8015B	
EXT DRO >C28-C36	90.9		10.0	mg/kg	1	1031110	MS	11-Mar-21	8015B	

Surrogate: 1-Chlorooctane			76.8 %	44.3-144		1031110	MS	11-Mar-21	8015B	
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Surrogate: 1-Chlorooctadecane			76.0 %	42.2-156		1031110	MS	11-Mar-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1031213 - 1:4 DI Water										
Blank (1031213-BLK1)										
					Prepared & Analyzed: 12-Mar-21					
Chloride	ND	16.0	mg/kg							
LCS (1031213-BS1)										
					Prepared & Analyzed: 12-Mar-21					
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (1031213-BSD1)										
					Prepared & Analyzed: 12-Mar-21					
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031115 - Volatiles**Blank (1031115-BLK1)**

Prepared: 11-Mar-21 Analyzed: 12-Mar-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	73.3-129			

LCS (1031115-BS1)

Prepared: 11-Mar-21 Analyzed: 12-Mar-21

Benzene	2.00	0.050	mg/kg	2.00		100	72.2-131			
Toluene	2.04	0.050	mg/kg	2.00		102	71.7-126			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	68.9-126			
Total Xylenes	6.52	0.150	mg/kg	6.00		109	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	73.3-129			

LCS Dup (1031115-BSD1)

Prepared: 11-Mar-21 Analyzed: 12-Mar-21

Benzene	2.02	0.050	mg/kg	2.00		101	72.2-131	0.729	14.6	
Toluene	2.07	0.050	mg/kg	2.00		103	71.7-126	1.03	17.4	
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	68.9-126	0.829	18.9	
Total Xylenes	6.51	0.150	mg/kg	6.00		108	71.4-125	0.155	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	73.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031109 - General Prep - Organics**Blank (1031109-BLK1)**

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.0		mg/kg	50.0		80.0	44.3-144			
Surrogate: 1-Chlorooctadecane	39.9		mg/kg	50.0		79.9	42.2-156			

LCS (1031109-BS1)

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	206	10.0	mg/kg	200		103	83.7-135			
DRO >C10-C28	201	10.0	mg/kg	200		100	80.4-133			
Total TPH C6-C28	407	10.0	mg/kg	400		102	83.1-133			
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.9	44.3-144			
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.2	42.2-156			

LCS Dup (1031109-BS1)

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	209	10.0	mg/kg	200		104	83.7-135	1.23	13.8	
DRO >C10-C28	204	10.0	mg/kg	200		102	80.4-133	1.56	22.1	
Total TPH C6-C28	413	10.0	mg/kg	400		103	83.1-133	1.39	17.7	
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.4	44.3-144			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.5	42.2-156			

Batch 1031110 - General Prep - Organics**Blank (1031110-BLK1)**

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	44.3-144			
Surrogate: 1-Chlorooctadecane	39.4		mg/kg	50.0		78.8	42.2-156			

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Analytical Results For:

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P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:00

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031110 - General Prep - Organics**LCS (1031110-BS1)**

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	209	10.0	mg/kg	200		104	83.7-135			
DRO >C10-C28	220	10.0	mg/kg	200		110	80.4-133			
Total TPH C6-C28	429	10.0	mg/kg	400		107	83.1-133			
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.8	44.3-144			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0		92.4	42.2-156			

LCS Dup (1031110-BSD1)

Prepared & Analyzed: 11-Mar-21

GRO C6-C10	214	10.0	mg/kg	200		107	83.7-135	2.27	13.8	
DRO >C10-C28	225	10.0	mg/kg	200		112	80.4-133	2.38	22.1	
Total TPH C6-C28	439	10.0	mg/kg	400		110	83.1-133	2.33	17.7	
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.5	44.3-144			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.5	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in cursive script, reading "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 15, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/10/21 16:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 51 @ 4' (H210602-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	2.00	100	2.00	0.729	
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155	
Total BTEX	<0.300	0.300	03/13/2021	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	<16.0	16.0	03/12/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/11/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/11/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 56 @ 4' (H210602-02)

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	03/13/2021	ND	2.00	100	2.00	0.729	
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/11/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/11/2021	ND					

Surrogate: 1-Chlorooctane 73.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 58 @ 4' (H210602-03)

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	03/13/2021	ND	2.00	100	2.00	0.729	
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 67.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 76 @ 1' (H210602-04)

BTEx 8021B			mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2021	ND	2.00	100	2.00	0.729		
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03		
Ethylbenzene*	0.115	0.050	03/13/2021	ND	2.05	103	2.00	0.829		
Total Xylenes*	0.463	0.150	03/13/2021	ND	6.52	109	6.00	0.155		
Total BTEX	0.578	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 132 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.5	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	97.3	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	118	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 77 @ 1' (H210602-05)

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	03/13/2021	ND	2.00	100	2.00	0.729	
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155	
Total BTEX	<0.300	0.300	03/13/2021	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	03/12/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 61.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 57.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 78 @ 1' (H210602-06)

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	03/13/2021	ND	2.00	100	2.00	0.729	
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 79 @ 6" (H210602-07)

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	03/13/2021	ND	2.00	100	2.00	0.729		
Toluene*	<0.050	0.050	03/13/2021	ND	2.04	102	2.00	1.03		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.05	103	2.00	0.829		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.52	109	6.00	0.155		
Total BTEX	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	11.8	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	20.9	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 80 @ 6" (H210602-08)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 81 @ 6" (H210602-09)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.2	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	253	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	309	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 82 @ 1' (H210602-10)

BTX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	17.6	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	19.1	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.3 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 83 @ 6" (H210602-11)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	57.1	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	75.9	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.7 % 42.2-156

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Analytical Results For:

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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 84 @ 6" (H210602-12)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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Analytical Results For:

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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 85 @ 6" (H210602-13)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.1 % 42.2-156

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Analytical Results For:

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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 86 @ 6" (H210602-14)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 87 @ 6" (H210602-15)

BTX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	37.6	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	10.9	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.6 % 42.2-156

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Analytical Results For:

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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 88 @ 6" (H210602-16)

BTX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.4 % 42.2-156

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Analytical Results For:

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Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 89 @ 6" (H210602-17)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 90 @ 6" (H210602-18)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 91 @ 6" (H210602-19)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 92 @ 6" (H210602-20)

BTX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 76.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 93 @ 6" (H210602-21)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	03/12/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	55.1	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	24.7	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 4B @ 3' (H210602-22)

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	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/12/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	104	200	2.27	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	220	110	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S. STOCKPILE (H210602-23)

BTX 8021B		mg/kg	Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	0.192	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	0.756	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	3.49	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	4.44	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 196 % 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	03/12/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	123	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	331	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	241	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 Fax To: (575) 396-1429

Received: 03/10/2021
 Reported: 03/15/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: N. STOCKPILE (H210602-24)

BTX 8021B		mg/kg	Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.92	95.8	2.00	0.0580	
Toluene*	0.698	0.050	03/13/2021	ND	1.92	95.8	2.00	2.11	
Ethylbenzene*	1.52	0.050	03/13/2021	ND	1.93	96.3	2.00	2.18	
Total Xylenes*	6.89	0.150	03/13/2021	ND	6.15	102	6.00	2.17	
Total BTX	9.11	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 221 % 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	03/12/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	181	10.0	03/12/2021	ND	183	91.7	200	3.26	
DRO >C10-C28*	368	10.0	03/12/2021	ND	193	96.4	200	8.89	
EXT DRO >C28-C36	266	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.										BILL TO										ANALYSIS REQUEST																			
Project Manager: Joel Lowry										P.O. #:										<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: P.O. Box 301										Company: ETC																													
City: Lovington State: NM Zip: 88260										Attn: Dean Ericsson																													
Phone #: (575) 396-2378 Fax #: (575) 396-1429										Address:																													
Project #: 13849 Project Owner: ETC										City:																													
Project Name: 0-6 Release										State: Zip:																													
Project Location: Rural Lea, NM										Phone #:																													
Sampler Name: Matthew Grieco										Fax #:																													
FOR LAB USE ONLY										MATRIX										PRESERV.										SAMPLING									
Lab I.D.		Sample I.D.		(G/RAB OR (C)COMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE		ICE / COOL		OTHER:		DATE		TIME											
#210602				C		1						X								X						3/9/21				X		X		X					
11		FL83 @ 6"		C		1						X								X						3/9/21				X		X		X					
12		FL84 @ 6"		C		1						X								X						3/9/21				X		X		X					
13		FL85 @ 6"		C		1						X								X						3/9/21				X		X		X					
14		FL86 @ 6"		C		1						X								X						3/9/21				X		X		X					
15		FL87 @ 6"		C		1						X								X						3/9/21				X		X		X					
16		FL88 @ 6"		C		1						X								X						3/9/21				X		X		X					
17		FL89 @ 6"		C		1						X								X						3/9/21				X		X		X					
18		FL90 @ 6"		C		1						X								X						3/9/21				X		X		X					
19		FL91 @ 6"		C		1						X								X						3/9/21				X		X		X					
20		FL92 @ 6"		C		1						X								X						3/9/21				X		X		X					

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Relinquished By:	Date: 3-10-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1605		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Please email results to pm@etechenv.com.	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact			
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

FORM-006
Revision 1.0

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



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

March 17, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/11/21 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 94 @ 6" (H210618-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2021	ND	2.04	102	2.00	4.89	
Toluene*	<0.050	0.050	03/12/2021	ND	2.01	100	2.00	4.40	
Ethylbenzene*	<0.050	0.050	03/12/2021	ND	1.96	98.1	2.00	4.43	
Total Xylenes*	<0.150	0.150	03/12/2021	ND	5.80	96.6	6.00	4.08	
Total BTEX	<0.300	0.300	03/12/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	209	105	200	12.3	
DRO >C10-C28*	14.2	10.0	03/12/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	11.8	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 95 @ 6" (H210618-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2021	ND	2.04	102	2.00	4.89		
Toluene*	<0.050	0.050	03/12/2021	ND	2.01	100	2.00	4.40		
Ethylbenzene*	<0.050	0.050	03/12/2021	ND	1.96	98.1	2.00	4.43		
Total Xylenes*	<0.150	0.150	03/12/2021	ND	5.80	96.6	6.00	4.08		
Total BTX	<0.300	0.300	03/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 96 @ 6" (H210618-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2021	ND	2.04	102	2.00	4.89	
Toluene*	<0.050	0.050	03/12/2021	ND	2.01	100	2.00	4.40	
Ethylbenzene*	<0.050	0.050	03/12/2021	ND	1.96	98.1	2.00	4.43	
Total Xylenes*	<0.150	0.150	03/12/2021	ND	5.80	96.6	6.00	4.08	
Total BTX	<0.300	0.300	03/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	36.6	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	29.4	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 75.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 97 @ 6" (H210618-04)

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	03/12/2021	ND	2.04	102	2.00	4.89	GC-NC1
Toluene*	<0.050	0.050	03/12/2021	ND	2.01	100	2.00	4.40	
Ethylbenzene*	<0.050	0.050	03/12/2021	ND	1.96	98.1	2.00	4.43	
Total Xylenes*	0.260	0.150	03/12/2021	ND	5.80	96.6	6.00	4.08	
Total BTEX	<0.300	0.300	03/12/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.5	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	154	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	131	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 98 @ 6" (H210618-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2021	ND	2.04	102	2.00	4.89	
Toluene*	<0.050	0.050	03/12/2021	ND	2.01	100	2.00	4.40	
Ethylbenzene*	<0.050	0.050	03/12/2021	ND	1.96	98.1	2.00	4.43	
Total Xylenes*	<0.150	0.150	03/12/2021	ND	5.80	96.6	6.00	4.08	
Total BTX	<0.300	0.300	03/12/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	71.5	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	49.5	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 99 @ 6" (H210618-06)

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	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTEX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	42.6	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	28.8	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 100 @ 1' (H210618-07)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	0.437	0.150	03/16/2021	ND	6.14	102	6.00	1.71	GC-NC1
Total BTEX	0.437	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 101 @ 1' (H210618-08)

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	03/16/2021	ND	2.11	106	2.00	1.10	GC-NC1
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	0.201	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTEX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 102 @ 1.5' (H210618-09)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	0.245	0.150	03/16/2021	ND	6.14	102	6.00	1.71	GC-NC1
Total BTEX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	66.4	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	46.3	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.0 % 42.2-156

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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 103 @ 2' (H210618-10)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	0.166	0.150	03/16/2021	ND	6.14	102	6.00	1.71	GC-NC1
Total BTEx	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	24.7	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	14.7	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 104 @ 1.5' (H210618-11)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	11.8	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 105 @ 2' (H210618-12)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.7 % 42.2-156

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 106 @ 1.5' (H210618-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	67.6	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	41.6	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.2 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 107 @ 1.5' (H210618-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.11	106	2.00	1.10	GC-NC1
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	0.198	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	209	105	200	12.3	
DRO >C10-C28*	47.9	10.0	03/13/2021	ND	211	106	200	12.0	
EXT DRO >C28-C36	30.8	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.3 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 108 @ 1.5' (H210618-15)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTEX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	13.5	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	20.9	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.7 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 109 @ 1.5' (H210618-16)

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	03/16/2021	ND	2.11	106	2.00	1.10		
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02		
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60		
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71		
Total BTEx	<0.300	0.300	03/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 110 @ 1.5' (H210618-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 111 @ 1.5' (H210618-18)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTEX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	15.3	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 112 @ 2.5' (H210618-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	10.1	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 80.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.8 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 113 @ 1.5' (H210618-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 114 @ 2.5' (H210618-21)

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	03/16/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/16/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.0 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 4 (H210618-22)

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	03/13/2021	ND	2.11	106	2.00	1.10		
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71		
Total BTEx	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 5 (H210618-23)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTEX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 1 (H210618-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	10.9	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	21.7	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 2 (H210618-25)

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	03/13/2021	ND	2.11	106	2.00	1.10	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.01	101	2.00	1.60	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.14	102	6.00	1.71	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 95.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 3 (H210618-26)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.3 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 4 (H210618-27)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.2 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 5 (H210618-28)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 6 (H210618-29)

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	03/13/2021	ND	1.93	96.4	2.00	2.53		
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631		
Total BTEx	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	24.6	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	27.3	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 7 (H210618-30)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 8 (H210618-31)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.0 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 9 (H210618-32)

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	03/13/2021	ND	1.93	96.4	2.00	2.53		
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631		
Total BTEx	<0.300	0.300	03/13/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/12/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2021	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 10 (H210618-33)

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	03/13/2021	ND	1.93	96.4	2.00	2.53		
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631		
Total BTX	<0.300	0.300	03/13/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 11 (H210618-34)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	217	108	200	4.03	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	212	106	200	2.29	
EXT DRO >C28-C36	13.1	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.7 % 42.2-156

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 JOEL LOWRY
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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 12 (H210618-35)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.5 % 42.2-156

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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 13 (H210618-36)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	14.8	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.9 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 14 (H210618-37)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTEx	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	32.7	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	96.2	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.3 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 15 (H210618-38)

BTX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	0.071	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	0.293	0.150	03/13/2021	ND	6.22	104	6.00	0.631	GC-NC1
Total BTX	0.364	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.3-129

Chloride, SM4500CI-B			mg/kg					Analyzed By: GM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	50.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	161	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	159	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 16 (H210618-39)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 17 (H210618-40)

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	03/13/2021	ND	1.93	96.4	2.00	2.53		
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631		
Total BTX	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.8 % 42.2-156

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 18 (H210618-41)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 19 (H210618-42)

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	03/13/2021	ND	1.93	96.4	2.00	2.53		
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631		
Total BTEx	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	10.2	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 1 (H210618-43)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.8 % 42.2-156

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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 2 (H210618-44)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.1 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 3 (H210618-45)

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	03/13/2021	ND	1.93	96.4	2.00	2.53	
Toluene*	<0.050	0.050	03/13/2021	ND	1.92	96.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	1.95	97.7	2.00	0.967	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	6.22	104	6.00	0.631	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.8 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 4 (H210618-46)

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	03/13/2021	ND	2.09	105	2.00	0.407	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407	
Total BTX	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 5 (H210618-47)

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	03/13/2021	ND	2.09	105	2.00	0.407		
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407		
Total BTEx	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 6 (H210618-48)

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	03/13/2021	ND	2.09	105	2.00	0.407	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407	
Total BTX	<0.300	0.300	03/13/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	36.3	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	75.3	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.8 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 7 (H210618-49)

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	03/13/2021	ND	2.09	105	2.00	0.407		
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407		
Total BTX	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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Analytical Results For:

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Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 8 (H210618-50)

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	03/13/2021	ND	2.09	105	2.00	0.407	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 9 (H210618-51)

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	03/13/2021	ND	2.09	105	2.00	0.407	
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493	
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335	
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407	
Total BTEx	<0.300	0.300	03/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 75.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/11/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 10 (H210618-52)

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	03/13/2021	ND	2.09	105	2.00	0.407		
Toluene*	<0.050	0.050	03/13/2021	ND	2.02	101	2.00	0.493		
Ethylbenzene*	<0.050	0.050	03/13/2021	ND	2.00	99.9	2.00	0.335		
Total Xylenes*	<0.150	0.150	03/13/2021	ND	5.96	99.3	6.00	0.407		
Total BTEx	<0.300	0.300	03/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	223	112	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																									
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																									
Address: P.O. Box 301				Company: ETC																													
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																													
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																													
Project #: 13849 Project Owner: ETC				City:																													
Project Name: 0-6 Release				State: Zip:																													
Project Location: Rural Lea, NM				Phone #:																													
Sampler Name: Matthew Grieco				Fax #:																													
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE		ICE / COOL		OTHER:		DATE		TIME					
H210618				C		1						X								X				3/10/21				X		X		X	
1		FL94 @ 6"		C		1						X								X				3/10/21				X		X		X	
2		FL95 @ 6"		C		1						X								X				3/10/21				X		X		X	
3		FL96 @ 6"		C		1						X								X				3/10/21				X		X		X	
4		FL97 @ 6"		C		1						X								X				3/10/21				X		X		X	
5		FL98 @ 6"		C		1						X								X				3/10/21				X		X		X	
6		FL99 @ 6"		C		1						X								X				3/10/21				X		X		X	
7		FL100 @ 1'		C		1						X								X				3/10/21				X		X		X	
8		FL101 @ 1'		C		1						X								X				3/10/21				X		X		X	
9		FL102 @ 1.5'		C		1						X								X				3/10/21				X		X		X	
10		FL103 @ 2'		C		1						X								X				3/10/21				X		X		X	
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																	
Relinquished By:				Date: 3-11-21				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																	
Time: 1620								Time: 1620				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																	
Relinquished By:				Date:				Received By:				REMARKS:																					
Time:												Please email results to pm@etechenv.com.																					
Delivered By: (Circle One)								Sample Condition								CHECKED BY:																	
Sampler - UPS - Bus - Other: -0.4c #113								Cool Intact								(Initials)																	
								<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No								TO.																	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: P.O. Box 301 City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429 Project #: 13849 Project Owner: ETC Project Name: 0-6 Release Project Location: Rural Lea, NM Sampler Name: Matthew Grieco										BILL TO P.O. #: Company: ETC Attn: Dean Ericsson Address: City: State: Zip: Phone #: Fax #:			ANALYSIS REQUEST									
FOR LAB USE ONLY Lab I.D. H210618		Sample I.D. FL114 @ 2.5'		(G)RAB OR (C)OMP. # CONTAINERS C 1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX PRESERV. ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE TIME	Chloride TPH (8015M) BTEX (8021B)														
21	FL114 @ 2.5'	C 1		X			X	3/10/21		X	X	X										
22	EW4	C 1		X			X	3/10/21		X	X	X										
23	EW5	C 1		X			X	3/10/21		X	X	X										
24	NWW1	C 1		X			X	3/10/21		X	X	X										
25	NWW2	C 1		X			X	3/10/21		X	X	X										
26	NWW3	C 1		X			X	3/10/21		X	X	X										
27	NWW4	C 1		X			X	3/10/21		X	X	X										
28	NWW5	C 1		X			X	3/10/21		X	X	X										
29	NWW6	C 1		X			X	3/10/21		X	X	X										
30	NWW7	C 1		X			X	3/10/21		X	X	X										

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Relinquished By: Date: 3-11-21 Time: 1620	Received By: Date: Time:	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: Please email results to pm@etechenv.com.
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.4c #13	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) JO

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 17, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/12/21 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 2B (H210634-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTEX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2021	ND	212	106	200	3.64	
DRO >C10-C28*	<10.0	10.0	03/13/2021	ND	227	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/13/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NWW 20 (H210634-02)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/15/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 11 (H210634-03)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 12 (H210634-04)

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	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 13 (H210634-05)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.3 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 14 (H210634-06)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	82.9	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	265	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 15 (H210634-07)

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	03/15/2021	ND	2.11	106	2.00	2.19		
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10		
Total BTEx	<0.300	0.300	03/15/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	35.1	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	39.6	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 95.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.5 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 16 (H210634-08)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	13.1	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.8 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SEW 17 (H210634-09)

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	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	15.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	14.9	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NTW 1 (H210634-10)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.3 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NTW 2 (H210634-11)

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	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	222	111	200	4.33	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	221	111	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NTFL 1 @ 6' (H210634-12)

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	03/15/2021	ND	2.01	100	2.00	0.394		
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298		
Total BTEx	<0.300	0.300	03/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NTFL 2 @ 6' (H210634-13)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.4 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: STW 1 (H210634-14)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.8 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: STW 2 (H210634-15)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: STFL 1 @ 3' (H210634-16)

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	03/15/2021	ND	2.01	100	2.00	0.394	
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/16/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: STFL 2 @ 3' (H210634-17)

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	03/15/2021	ND	2.01	100	2.00	0.394		
Toluene*	<0.050	0.050	03/15/2021	ND	2.08	104	2.00	0.798		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	0.383		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.63	110	6.00	0.298		
Total BTEx	<0.300	0.300	03/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: IWS 1 (H210634-18)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 115 @ 2' (H210634-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 116 @ 2' (H210634-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/16/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 117 @ 2' (H210634-21)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.9 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 118 @ 2' (H210634-22)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.0 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 119 @ 2' (H210634-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2021	ND	2.11	106	2.00	2.19		
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10		
Total BTEx	<0.300	0.300	03/15/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.1 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 120 @ 1.5' (H210634-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 121 @ 1.5' (H210634-25)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.0 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 122 @ 1.5' (H210634-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 123 @ 2' (H210634-27)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.7 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 124 @ 2' (H210634-28)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.4 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 125 @ 2' (H210634-29)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	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	03/16/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 126 @ 2' (H210634-30)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 127 @ 2' (H210634-31)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	213	107	200	5.08	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	220	110	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.3 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 128 @ 2' (H210634-32)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 129 @ 2' (H210634-33)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.4 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 130 @ 1.5' (H210634-34)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	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	03/16/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.4 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 131 @ 2' (H210634-35)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.6 % 42.2-156

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 132 @ 2' (H210634-36)

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	03/15/2021	ND	2.11	106	2.00	2.19		
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10		
Total BTEx	<0.300	0.300	03/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.1 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 133 @ 1.5' (H210634-37)

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	03/15/2021	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	03/15/2021	ND	2.10	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.04	102	2.00	1.06	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.01	100	6.00	1.10	
Total BTX	<0.300	0.300	03/15/2021	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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.6 % 42.2-156

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 134 @ 1.5' (H210634-38)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/16/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 67.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.1 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 135 @ 1.5' (H210634-39)

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	03/15/2021	ND	1.94	96.9	2.00	4.08		
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79		
Total BTX	<0.300	0.300	03/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 70.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.8 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 136 @ 1.5' (H210634-40)

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	03/15/2021	ND	1.94	96.9	2.00	4.08		
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79		
Total BTX	<0.300	0.300	03/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	13.3	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.3 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 137 @ 6" (H210634-41)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	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	<16.0	16.0	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.7 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 138 @ 2' (H210634-42)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.3 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 139 @ 2' (H210634-43)

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	03/15/2021	ND	1.94	96.9	2.00	4.08		
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23		
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47		
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79		
Total BTEx	<0.300	0.300	03/15/2021	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	<16.0	16.0	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.2 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 140 @ 2' (H210634-44)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.1 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 141 @ 2' (H210634-45)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTEx	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.4 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 142 @ 2' (H210634-46)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 143 @ 2' (H210634-47)

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	03/16/2021	ND	1.88	94.2	2.00	6.84	
Toluene*	<0.050	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.12	102	6.00	6.25	
Total BTEx	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/16/2021	ND	416	104	400	8.00	

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 144 @ 6" (H210634-48)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	10.4	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.4 % 42.2-156

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 145 @ 6" (H210634-49)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/16/2021	ND	416	104	400	8.00	

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.2 % 42.2-156

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Analytical Results For:

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 146 @ 6" (H210634-50)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.8 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 147 @ 6" (H210634-51)

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	03/15/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/15/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/15/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/15/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/15/2021	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	<16.0	16.0	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	217	108	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	216	108	200	9.72	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 148 @ 6" (H210634-52)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTEx	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.4 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 149 @ 6" (H210634-53)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.9 % 42.2-156

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Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 150 @ 6" (H210634-54)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	45.6	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	33.9	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.1 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 151 @ 6" (H210634-55)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 152 @ 6" (H210634-56)

BTEx 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	0.060	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	0.479	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	1.66	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTEx	2.20	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 183 % 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	03/16/2021	ND	416	104	400	8.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	107	10.0	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	465	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	342	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 153 @ 6" (H210634-57)

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	03/16/2021	ND	1.94	96.9	2.00	4.08	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	98.8	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.01	101	2.00	2.47	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.39	107	6.00	2.79	
Total BTX	<0.300	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	71.9	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	62.2	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.0 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 154 @ 6" (H210634-58)

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	03/16/2021	ND	1.88	94.2	2.00	6.84		
Toluene*	<0.050	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35		
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54		
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.12	102	6.00	6.25		
Total BTX	<0.300	0.300	03/16/2021	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	<16.0	16.0	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 79.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.0 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 155 @ 1.5' (H210634-59)

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	03/16/2021	ND	1.88	94.2	2.00	6.84		
Toluene*	<0.050	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35		
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54		
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.12	102	6.00	6.25		
Total BTX	<0.300	0.300	03/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.9 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 156 @ 6" (H210634-60)

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	03/16/2021	ND	1.88	94.2	2.00	6.84		
Toluene*	<0.050	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35		
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54		
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.12	102	6.00	6.25		
Total BTX	<0.300	0.300	03/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.8 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 157 @ 1' (H210634-61)

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	03/16/2021	ND	1.88	94.2	2.00	6.84		
Toluene*	<0.050	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35		
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54		
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.12	102	6.00	6.25		
Total BTX	<0.300	0.300	03/16/2021	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	<16.0	16.0	03/16/2021	ND	416	104	400	8.00		

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	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	<10.0	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.0 % 42.2-156

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Analytical Results For:

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

Received: 03/12/2021
 Reported: 03/17/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/11/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 158 @ 2' (H210634-62)

BTX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	1.88	94.2	2.00	6.84	
Toluene*	0.102	0.050	03/16/2021	ND	1.90	95.2	2.00	6.35	
Ethylbenzene*	0.462	0.050	03/16/2021	ND	1.92	96.1	2.00	6.54	
Total Xylenes*	1.42	0.150	03/16/2021	ND	6.12	102	6.00	6.25	
Total BTX	1.99	0.300	03/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 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	03/16/2021	ND	416	104	400	8.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	79.2	10.0	03/15/2021	ND	191	95.7	200	3.37	
DRO >C10-C28*	269	10.0	03/15/2021	ND	208	104	200	2.47	
EXT DRO >C28-C36	251	10.0	03/15/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO						ANALYSIS REQUEST																			
Company Name: Etech Environmental & Safety Solutions, Inc.						P.O. #:																			
Project Manager: Joel Lowry						Company:	ETC																		
Address: P.O. Box 301						Attn:	Dean Ericsson																		
City: Lovington		State: NM		Zip: 88260		Address:																			
Phone #: (575) 396-2378		Fax #: (575) 396-1429				City:																			
Project #: 13849		Project Owner: ETC				State:	Zip:																		
Project Name: O-6 Release						Phone #:																			
Project Location: Rural Lea, NM						Fax #:																			
Sampler Name: Matthew Grieco																									
FOR LAB USE ONLY						MATRIX	PRESERV.	SAMPLING																	
Lab I.D.	Sample I.D.	(G/RAB OR C) COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)								
H210634		C	1	X						X			3/11/21		X	X	X								
1 WW2B		C	1	X						X			3/11/21		X	X	X								
2 NWW20		C	1	X						X			3/11/21		X	X	X								
3 SEW11		C	1	X						X			3/11/21		X	X	X								
4 SEW12		C	1	X						X			3/11/21		X	X	X								
5 SEW13		C	1	X						X			3/11/21		X	X	X								
6 SEW14		C	1	X						X			3/11/21		X	X	X								
7 SEW15		C	1	X						X			3/11/21		X	X	X								
8 SEW16		C	1	X						X			3/11/21		X	X	X								
9 SEW17		C	1	X						X			3/11/21		X	X	X								
10 NTW1		C	1	X						X			3/11/21		X	X	X								
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																									
Relinquished By: <i>[Signature]</i>		Date: 3-12-21 Time: 1440	Received By: <i>[Signature]</i>		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:														
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -O.4e #113		Date: Time:	Received By: Date: Time:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) J.B.		Please email results to pm@etechenv.com.																


CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 68 of 71

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: P.O. Box 301 City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429 Project #: 13849 Project Owner: ETC Project Name: 0-6 Release Project Location: Rural Lea, NM Sampler Name: Matthew Grieco										BILL TO										ANALYSIS REQUEST									
										P.O. #: Company: ETC Attn: Dean Ericsson Address: City: State: Zip: Phone #: Fax #:																			
										Chloride TPH (8015M) BTEX (8021B)																			
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				PRESERV. ACID/BASE ICE / COOL OTHER :		SAMPLING DATE TIME																	
<i>H2101634</i>																													
<i>31</i>		FL127 @ 2'		C 1						X		3/11/21																	
<i>32</i>		FL128 @ 2'		C 1						X		3/11/21																	
<i>33</i>		FL129 @ 2'		C 1						X		3/11/21																	
<i>34</i>		FL130 @ 1.5'		C 1						X		3/11/21																	
<i>35</i>		FL131 @ 2'		C 1						X		3/11/21																	
<i>36</i>		FL132 @ 2'		C 1						X		3/11/21																	
<i>37</i>		FL133 @ 1.5'		C 1						X		3/11/21																	
<i>38</i>		FL134 @ 1.5'		C 1						X		3/11/21																	
<i>39</i>		FL135 @ 1.5'		C 1						X		3/11/21																	
<i>40</i>		FL136 @ 1.5'		C 1						X		3/11/21																	
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																													
Relinquished By: <i>[Signature]</i> Date: 3-12-21 Time: 1440										Received By: <i>[Signature]</i> Date: Time:										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: Please email results to pm@etechenv.com.									
Relinquished By: Date: Time:										Received By:																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>-0.4c #113</i>										Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: (Initials) <i>T.O.</i>									

 FORM-006
 Revision 1.0

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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																			
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: P.O. Box 301				Company: ETC																							
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																							
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																							
Project #: 13849 Project Owner: ETC				City:																							
Project Name: 0-6 Release				State: Zip:																							
Project Location: Rural Lea, NM				Phone #:																							
Sampler Name: Matthew Grieco				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME													
41	FL137 @ 6"	C	1			X				X			3/11/21		X	X	X										
42	FL138 @ 2'	C	1			X				X			3/11/21		X	X	X										
43	FL139 @ 2'	C	1			X				X			3/11/21		X	X	X										
44	FL140 @ 2'	C	1			X				X			3/11/21		X	X	X										
45	FL141 @ 2'	C	1			X				X			3/11/21		X	X	X										
46	FL142 @ 2'	C	1			X				X			3/11/21		X	X	X										
47	FL143 @ 2'	C	1			X				X			3/11/21		X	X	X										
48	FL144 @ 6"	C	1			X				X			3/11/21		X	X	X										
49	FL145 @ 6"	C	1			X				X			3/11/21		X	X	X										
50	FL146 @ 6"	C	1			X				X			3/11/21		X	X	X										
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p>																											
Relinquished By:		Date: 3-12-21		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																			
		Time: 1440				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																			
Relinquished By:		Date:		Received By:		REMARKS:																					
		Time:																									
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.															
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)																			
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			



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

March 16, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/15/21 15:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/15/2021
 Reported: 03/16/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 57B @ 3.5' (H210648-01)

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	03/16/2021	ND	218	109	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	228	114	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	75.4 %	44.3-144							
Surrogate: 1-Chlorooctadecane	69.0 %	42.2-156							

Sample ID: FL 61B @ 2.5' (H210648-02)

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	03/16/2021	ND	218	109	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	228	114	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	75.5 %	44.3-144							
Surrogate: 1-Chlorooctadecane	71.1 %	42.2-156							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

April 26, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/18/21 14:30.

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

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 69 B @ 7'	H210691-01	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 70 B @ 7'	H210691-02	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 71 B @ 7'	H210691-03	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 72 B @ 7'	H210691-04	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 73 B @ 3'	H210691-05	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 75 B @ 4'	H210691-06	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 76 B @ 2'	H210691-07	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 83 B @ 1'	H210691-08	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 97 B @ 1'	H210691-09	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 98 B @ 1'	H210691-10	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL102 B @ 2'	H210691-11	Soil	17-Mar-21 00:00	18-Mar-21 14:30
FL 106 B @ 2'	H210691-12	Soil	17-Mar-21 00:00	18-Mar-21 14:30
SW 24 B	H210691-13	Soil	17-Mar-21 00:00	18-Mar-21 14:30
NW 21 B	H210691-14	Soil	17-Mar-21 00:00	18-Mar-21 14:30
NWW 14 B	H210691-15	Soil	17-Mar-21 00:00	18-Mar-21 14:30
NWW 15 B	H210691-16	Soil	17-Mar-21 00:00	18-Mar-21 14:30
SEW 6 B	H210691-17	Soil	17-Mar-21 00:00	18-Mar-21 14:30
SEW 14 B	H210691-18	Soil	18-Mar-21 00:00	18-Mar-21 14:30
FL 158 B @ 2.5'	H210691-19	Soil	18-Mar-21 00:00	18-Mar-21 14:30
FL 153 B @ 5'	H210691-20	Soil	18-Mar-21 00:00	18-Mar-21 14:30
FL 152 B @ 1.5'	H210691-21	Soil	18-Mar-21 00:00	18-Mar-21 14:30

04/26/21 - Client changed the sample ID on -13. This is the revised report and will replace the one sent on 03/23/21.

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 69 B @ 7'
H210691-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			82.6 %		44.3-144	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			80.4 %		42.2-156	1031807	MS	19-Mar-21	8015B	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 70 B @ 7'**H210691-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			82.4 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			80.3 %	42.2-156		1031807	MS	19-Mar-21	8015B	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 71 B @ 7'**H210691-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			81.3 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			80.1 %	42.2-156		1031807	MS	19-Mar-21	8015B	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 72 B @ 7'**H210691-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			79.5 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			77.6 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 73 B @ 3'**H210691-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			77.0 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			73.6 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 75 B @ 4'**H210691-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			78.8 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			73.9 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 76 B @ 2'**H210691-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			85.5 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			81.8 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 83 B @ 1'**H210691-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			82.9 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			79.4 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
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Reported:
26-Apr-21 11:04

FL 97 B @ 1'**H210691-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			79.6 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project Number: 13849
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Reported:
26-Apr-21 11:04

FL 98 B @ 1'**H210691-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			79.8 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			76.3 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
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Reported:
26-Apr-21 11:04

FL102 B @ 2'**H210691-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			80.2 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			75.6 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 106 B @ 2'**H210691-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			84.6 %	44.3-144		1031807	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			80.0 %	42.2-156		1031807	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

SW 24 B
H210691-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	30.3		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	QR-03
EXT DRO >C28-C36	10.1		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			78.9 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			84.2 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

NW 21 B
H210691-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			79.7 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			81.3 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

NWW 14 B
H210691-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			81.0 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			83.2 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

NWW 15 B
H210691-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			81.3 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			83.1 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

SEW 6 B
H210691-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			75.5 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			76.5 %	42.2-156		1031809	MS	19-Mar-21	8015B	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

SEW 14 B
H210691-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			75.2 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			75.1 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 158 B @ 2.5'**H210691-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			77.1 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 153 B @ 5'**H210691-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			80.9 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			82.0 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

FL 152 B @ 1.5'**H210691-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctane			76.5 %	44.3-144		1031809	MS	19-Mar-21	8015B	
Surrogate: 1-Chlorooctadecane			77.4 %	42.2-156		1031809	MS	19-Mar-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031807 - General Prep - Organics**Blank (1031807-BLK1)**

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.1	44.3-144			
Surrogate: 1-Chlorooctadecane	39.3		mg/kg	50.0		78.5	42.2-156			

LCS (1031807-BS1)

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	212	10.0	mg/kg	200		106	83.7-135			
DRO >C10-C28	227	10.0	mg/kg	200		114	80.4-133			
Total TPH C6-C28	439	10.0	mg/kg	400		110	83.1-133			
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	44.3-144			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.6	42.2-156			

LCS Dup (1031807-BS1)

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	223	10.0	mg/kg	200		111	83.7-135	4.82	13.8	
DRO >C10-C28	234	10.0	mg/kg	200		117	80.4-133	2.82	22.1	
Total TPH C6-C28	456	10.0	mg/kg	400		114	83.1-133	3.79	17.7	
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.5	44.3-144			
Surrogate: 1-Chlorooctadecane	42.6		mg/kg	50.0		85.2	42.2-156			

Batch 1031809 - General Prep - Organics**Blank (1031809-BLK1)**

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.8		mg/kg	50.0		81.5	44.3-144			
Surrogate: 1-Chlorooctadecane	42.7		mg/kg	50.0		85.5	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
P.O. Box 301
Lovington NM, 88260

Project: 0-6 RELEASE
Project Number: 13849
Project Manager: JOEL LOWRY
Fax To: (575) 396-1429

Reported:
26-Apr-21 11:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1031809 - General Prep - Organics**LCS (1031809-BS1)**

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	209	10.0	mg/kg	200		104	83.7-135			
DRO >C10-C28	214	10.0	mg/kg	200		107	80.4-133			
Total TPH C6-C28	423	10.0	mg/kg	400		106	83.1-133			
Surrogate: 1-Chlorooctane	47.5		mg/kg	50.0		94.9	44.3-144			
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.1	42.2-156			

LCS Dup (1031809-BS1)

Prepared: 18-Mar-21 Analyzed: 19-Mar-21

GRO C6-C10	218	10.0	mg/kg	200		109	83.7-135	4.49	13.8	
DRO >C10-C28	220	10.0	mg/kg	200		110	80.4-133	2.84	22.1	
Total TPH C6-C28	438	10.0	mg/kg	400		110	83.1-133	3.66	17.7	
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.5	44.3-144			
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		91.1	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 27 of 29

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST															
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>															
Address: P.O. Box 301				Company: ETC																			
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																			
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																			
Project #: 13849 Project Owner: ETC				City:																			
Project Name: 0-6 Release				State: Zip:																			
Project Location: Rural Lea, NM				Phone #:																			
Sampler Name: Matthew Grieco				Fax #:																			
FOR LAB USE ONLY						MATRIX		PRESERV		SAMPLING													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL												
H210691																							
1	FL69B @ 7'	C	1			X				X			3/17/21										
2	FL70B @ 7'	C	1			X				X			3/17/21										
3	FL71B @ 7'	C	1			X				X			3/17/21										
4	FL72B @ 7'	C	1			X				X			3/17/21										
5	FL73B @ 3'	C	1			X				X			3/17/21										
6	FL75B @ 4'	C	1			X				X			3/17/21										
7	FL76B @ 2'	C	1			X				X			3/17/21										
8	FL83B @ 1'	C	1			X				X			3/17/21										
9	FL97B @ 1'	C	1			X				X			3/17/21										
10	FL98B @ 1'	C	1			X				X			3/17/21										
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Remedies of whether such claim is based upon any of the above stated reasons or otherwise.</small>																							
Relinquished By:		Date: 3-18-21		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS: Please email results to pm@etechenv.com.													
		Time: 1430				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:															
Relinquished By:		Date:		Received By:																			
		Time:																					
Delivered By: (Circle One)				Sample Condition				CHECKED BY:															
Sampler - UPS - Bus - Other: -3.6c 1440				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				(Initials) TO.															

FORM-006

Revision 1.0

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



CARDINAL LABORATORIES

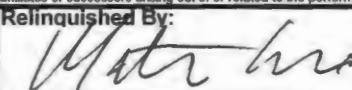

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST															
Project Manager: Joel Lowry				P.O. #:				Chloride TPH (8015M) BTEX (8021B)															
Address: P.O. Box 301				Company: ETC																			
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																			
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																			
Project #: 13849 Project Owner: ETC				City:																			
Project Name: 0-6 Release				State: Zip:																			
Project Location: Rural Lea, NM				Phone #:																			
Sampler Name: Matthew Grieco				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													
H210691																							
11 FL102B @ 2'		C 1				X		X		3/17/21		X											
12 FL106B @ 2'		C 1				X		X		3/17/21		X											
13 SW23B SW24B *		C 1				X		X		3/17/21		X											
14 NW21B		C 1				X		X		3/17/21		X											
15 NWW14B		C 1				X		X		3/17/21		X											
16 NWW15B		C 1				X		X		3/17/21		X											
17 SEW6B		C 1				X		X		3/17/21		X											
18 SEW14B		C 1				X		X		3/18/21		X											
19 FL158B @ 2.5'		C 1				X		X		3/18/21		X											
20 FL153B @ 5'		C 1				X		X		3/18/21		X											

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Relinquished By: 	Date: 3-18-21 Time: 1430	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: * Sample ID revised as per Ben. 4/26/21 ch
Relinquished By:	Date: Time:	Received By:	ADD'l Phone #: ADD'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -3.6i #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) JD	Please email results to pm@etechenv.com.

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 23, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/18/21 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FWN (H210692-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2021	ND	2.18	109	2.00	1.24	
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385	
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918	
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690	
Total BTEX	<0.300	0.300	03/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	<10.0	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.3 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FWS (H210692-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2021	ND	2.18	109	2.00	1.24	
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385	
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918	
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690	
Total BTX	<0.300	0.300	03/19/2021	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	03/19/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	<10.0	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FWW (H210692-03)

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	03/19/2021	ND	2.18	109	2.00	1.24	
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385	
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918	
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690	
Total BTEx	<0.300	0.300	03/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/19/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	72.2	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	31.3	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 63.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.8 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 159 @ 1' (H210692-04)

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	03/19/2021	ND	2.18	109	2.00	1.24		
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385		
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918		
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690		
Total BTX	<0.300	0.300	03/19/2021	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	03/19/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	14.5	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/18/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 153 B NEW (H210692-05)

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	03/19/2021	ND	2.18	109	2.00	1.24	
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385	
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918	
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690	
Total BTEx	<0.300	0.300	03/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	03/19/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	<10.0	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/18/2021
 Reported: 03/23/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/18/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 153 B SWW (H210692-06)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2021	ND	2.18	109	2.00	1.24		
Toluene*	<0.050	0.050	03/19/2021	ND	2.13	106	2.00	0.385		
Ethylbenzene*	<0.050	0.050	03/19/2021	ND	2.07	103	2.00	0.918		
Total Xylenes*	<0.150	0.150	03/19/2021	ND	6.09	102	6.00	0.690		
Total BTX	<0.300	0.300	03/19/2021	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	03/19/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2021	ND	209	104	200	4.49	
DRO >C10-C28*	10.6	10.0	03/19/2021	ND	214	107	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	03/19/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 132 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 25, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/23/21 15:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/23/2021
 Reported: 03/25/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FWW B (H210733-01)

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	03/24/2021	ND	211	105	200	2.37	
DRO >C10-C28*	<10.0	10.0	03/24/2021	ND	207	104	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	03/24/2021	ND					
Surrogate: 1-Chlorooctane	82.8 %	44.3-144							
Surrogate: 1-Chlorooctadecane	76.1 %	42.2-156							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

April 05, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/31/21 15:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2021
 Reported: 04/05/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 03/31/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 81b @ 1' (H210805-01)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2021	ND	208	104	200	1.84	
DRO >C10-C28*	<10.0	10.0	04/01/2021	ND	213	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	04/01/2021	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.1 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

April 07, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: 0-6 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/05/21 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/05/2021
 Reported: 04/07/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 04/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: KM FL 1 @ 2' (H210825-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2021	ND	2.08	104	2.00	2.15	
Toluene*	<0.050	0.050	04/06/2021	ND	2.04	102	2.00	2.01	
Ethylbenzene*	<0.050	0.050	04/06/2021	ND	1.98	99.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/06/2021	ND	5.88	98.1	6.00	1.89	
Total BTEX	<0.300	0.300	04/06/2021	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	04/06/2021	ND	416	104	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	04/06/2021	ND	225	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	239	119	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/05/2021
 Reported: 04/07/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 04/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: KM FL 2 @ 2.5' (H210825-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2021	ND	2.08	104	2.00	2.15	
Toluene*	<0.050	0.050	04/06/2021	ND	2.04	102	2.00	2.01	
Ethylbenzene*	<0.050	0.050	04/06/2021	ND	1.98	99.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/06/2021	ND	5.88	98.1	6.00	1.89	
Total BTX	<0.300	0.300	04/06/2021	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	04/06/2021	ND	416	104	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	04/06/2021	ND	225	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	239	119	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/05/2021
 Reported: 04/07/2021
 Project Name: 0-6 RELEASE
 Project Number: 13849
 Project Location: ETC - LEA CO NM

Sampling Date: 04/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 22E (H210825-03)

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	04/06/2021	ND	225	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	239	119	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					
Surrogate: 1-Chlorooctane	83.1 %	44.3-144							
Surrogate: 1-Chlorooctadecane	85.7 %	42.2-156							

Sample ID: NW 23E (H210825-04)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	225	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	239	119	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					
Surrogate: 1-Chlorooctane	80.1 %	44.3-144							
Surrogate: 1-Chlorooctadecane	81.9 %	42.2-156							

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2105732466
District RP	
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Carolyn Blackaller Title: Sr. Environmental Specialist
 Signature:  Date: 5/6/21
 email: Carolyn.blackaller@energytransfer.com Telephone: (432)203-8920

OCD Only

Received by: Robert Hamlet Date: 7/21/2021

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

Closure Approved by: Robert Hamlet Date: 7/21/2021
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 27155

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 27155
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2105732466 O-6 PIPELINE, thank you. This closure is approved.	7/21/2021