

Incident ID	nAPP2132245281
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>44</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

Printed Name: Albert OchoaTitle: HSE RepresentativeSignature: Date: 06/14/2022email: albert.ochoa@goodnightmidstream.comTelephone: (432) 242-6629**OCD Only**

Received by: _____

Date: _____

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Remediation Plan

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

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

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

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

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

Printed Name: Albert Ochoa

Title: HSE Representative

Signature: Albert Ochoa

Date: 06/14/2022

email: albert.ochoa@goodnightmidstream.comTelephone: (432) 242-6629**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral ApprovedSignature: Jennifer Nobui

Date: 06/15/2022

Remediation Summary & Deferral Request

Goodnight Midstream Permian, LLC Jalapeno RP

Lea County, New Mexico

Unit Letter "N", Section 19, Township 22 South, Range 35 East

Latitude 32.37081 North, Longitude 103.41011 West


NMOCD Reference No. nAPP2132245281


Prepared By:

Etech Environmental & Safety Solutions, Inc.

2507 79th Street, Unit A

Lubbock, Texas 79423


Ben J. Arguijo


Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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FIGURES

Figure 1 - Topographic Map
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TABLES

Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

Appendix A - Depth to Groundwater Information
Appendix B - Field Data & Soil Profile Logs
Appendix C - Photographic Log
Appendix D - Laboratory Analytical Reports

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC (Goodnight), has prepared this *Remediation Summary & Deferral Request* for the release site known as the Jalapeno RP. Details of the release are summarized below:

Location of Release Source

Latitude: 32.37081 Longitude: -103.41011

Provided GPS are in WGS84 format.

Site Name:	Jalapeno RP	Site Type:	SWD
Date Release Discovered:	11/17/2021	API # (if applicable):	

Unit Letter	Section	Township	Range	County
"N"	19	22S	35E	Lea

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

Nature and Volume of Release

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	1.2	Volume Recovered (bbls)	1
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	231.2	Volume Recovered (bbls)	199
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released		Volume/Weight Recovered	

Cause of Release and Affected Area:

A horizontal gun barrel vessel water leg spilled over due to high water flow rate from producer.

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 Jalapeno RP release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on May 4, 2022, an investigative soil boring/temporary monitor well was drilled at the site in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 80 feet below ground surface (bgs) and left open for over 72 hours. A groundwater gauging event conducted on May 9, 2022, indicated the depth to groundwater was approximately 44 feet bgs. The location of the investigative soil bore/temporary monitor well is depicted in Figure 2. A drilling log is provided in Appendix B.

What is the shallowest depth to groundwater beneath the area affected by the release?	44'		
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
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Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
44'	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 INITIAL SITE ASSESSMENT

On November 23, 2021, Etech conducted an initial site assessment. During the initial site assessment, three (3) hand-augered soil bores (SP1 through SP3) were advanced to the extent practicable within the release margins in an effort to determine the vertical extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of six (6) delineation soil samples (SP1 @ Surface, SP1 @ 1'R, SP2 @ Surface, SP2 @ 1'R, SP3 @ Surface, and SP3 @ 2') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined in the area characterized by sample point SP3. However, additional vertical delineation and/or excavation was required in the areas characterized by sample points SP1 and SP2.

The locations of the hand-augered soil bores are depicted in Figure 3B, "Site & Sample Location Map (Pad)".

5.0 REMEDIATION ACTIVITIES SUMMARY

On November 23, 2021, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil within the release margins affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

On November 29, 2021, Etech advanced four (4) hand-augered soil bores (NH, EH, SH, and WH) at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. Based on field observations and field test data, a total of six (6) delineation soil samples (NH1 @ Surface, NH1 @ 1', EH1 @ Surface, EH1 @ 1', WH1 @ Surface, and WH1 @ 1') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal extent of impacted soil was adequately defined.

In addition, Etech advanced a series of 13 hand-augered soil bores (NDEF2, NDEF3, NDEF4, EDEF2, EDEF3, EDEF4, SDEF1, SDEF2, SDEF3, SDEF4, WDEF2, WDEF3, and WDEF4) in an effort to characterize the affected area adjacent to and/or beneath the on-site storage tanks and associated containment areas, piping, appurtenances, and electrical facilities requiring deferral of remediation. The soil bores were advanced to the extent practicable. During the advancement of the soil bores, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. Based on field observations and field test data, a total of 26 deferral characterization soil samples (NDEF2 @ Surface, NDEF2 @ 1', NDEF3 @ Surface, NDEF3 @ 1'-R, NDEF4 @ Surface, NDEF4 @ 1'-R, EDEF2 @ Surface, EDEF2 @ 1'-R, EDEF3 @ Surface, EDEF3 @ 1'-R, EDEF4 @ Surface, EDEF4 @ 1'-R, SDEF1 @ Surface, SDEF1 @ 1'-R, SDEF2 @ Surface, SDEF2 @ 1'-R, SDEF3 @ Surface, SDEF3 @ 1'-R, SDEF4 @ Surface, SDEF4 @ 1'-R, WDEF2 @ Surface, WDEF2 @ 1'-R, WDEF3 @ Surface, WDEF3 @ 1'-R, WDEF4 @ Surface, and WDEF4 @ 1'-R) were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical data, the extent of impacted soil was adequately defined in the area characterized by sample point WDEF4. However, additional delineation was required in each of the other sample locations.

On December 3, 2021, Etech collected 21 confirmation soil samples (SP1 @ 2', SP2 @ 3', SP4 @ 2', SW1, and FL 1 @ 6" through FL 17 @ 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, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL), with the exceptions of soil samples FL 8

@ 6", FL 9 @ 6", and FL 10 @ 6", which exhibited TPH concentrations ranging from 16.9 mg/kg (FL 10 @ 6") to 45.4 mg/kg (FL 9 @ 6"). Chloride concentrations ranged from 48.0 mg/kg (SW1 and FL 1 @ 6") to 1,380 mg/kg (SP4 @ 2').

On December 7, 2021, Etech collected six (6) confirmation soil samples (FL #23 @ 2', FL #24 @ 2', FL #25 @ 2', FL #28 @ 2', FL #29 @ 2', and FL #30 @ 2') from the 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 Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged less than the laboratory MDL (FL #24 @ 2') to 31.4 mg/kg (FL #30 @ 2'). Chloride concentrations ranged from 160 mg/kg (FL #29 @ 2') to 320 mg/kg (FL #28 @ 2').

On December 8, 2021, Etech collected five (5) confirmation soil samples (FL #18 @ 4' through FL #22 @ 3') from the 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 Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged less than the laboratory MDL (FL #18 @ 4', FL #19 @ 4', and FL #22 @ 3') to 18.9 mg/kg (FL #20 @ 4'). Chloride concentrations ranged from 64.0 mg/kg (FL #19 @ 4') to 320 mg/kg (FL #18 @ 4').

On December 10, 2021, Etech collected two (2) confirmation soil samples (FL #33 @ 4' and FL #34 @ 4') from the 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 Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations were 44.9 (FL #33 @ 4') and 80.7 mg/kg (FL #34 @ 4'). Chloride concentrations were 192 mg/kg (FL #33 @ 4') and 208 mg/kg (FL #34 @ 4').

On December 20, 2021, Etech collected seven (7) confirmation soil samples (FL #34 @ 6' through FL #40 @ 6") from the 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg (FL #40 @ 6") to 400 mg/kg (FL #35 @ 1').

On December 27, 2021, Etech collected 16 confirmation soil samples (NW #1, EW #1, ESW #2, SW #1, WW #1, WW #3, and FL #42 @ 3' through FL #51 @ 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 and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 16.0 mg/kg (SW #1) to 1,400 mg/kg (FL #42 @ 3'). Based on these laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL #42 @ 3' and FL #43 @ 3'.

On January 4, 2022, Etech collected 14 confirmation soil samples (WW4, FL 31 @ 1', FL 32 @ 1', and FL 52 @ 3' through FL 62 @ 1') 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 TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 32.0 mg/kg (WW4, FL 52 @ 3', FL 53 @ 3', and FL 54 @ 3') to 688 mg/kg (FL 55 @ 3'). Based on these laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 55 @ 3'.

On January 5, 2022, Etech collected nine (9) confirmation soil samples (FS 63 @ 1', FS 64 @ 1', FS 65 @ 1', FS 66 @ 1', FS 67 @ 1', FS 68 @ 1', FS 69 @ 2', FS 70 @ 2', and FS 71 @ 2') from 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg (FS 65 @ 1') to 272 mg/kg (FS 68 @ 1').

On January 6, 2022, Etech collected 11 confirmation soil samples (NW2, SW2, SW3, WW5, WW6, WW7, FS 72 @ 2', and FS 73 @ 2' through FS 76 @ 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg (WW7) to 160 mg/kg (WW5).

On January 10, 2022, Etech collected 12 confirmation soil samples (EW4, EW5, SW4, WW2, WW9, FL 77 @ 1' through FL 82 @ 1', and FL 85 @ 1') 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg (EW4 and WW9) to 320 mg/kg (FL 79 @ 1').

In addition, Etech advanced a series of hand-augered soil bores and/or test trenches in the areas characterized by sample points NDEF2, EDEF3, EDEF4, SDEF1, SDEF2, SDEF4, WDEF2, and WDEF3 to further investigate the extent of impacted soil requiring deferral of remediation. During the advancement of the soil bores/test trenches, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. Based on field observations and field test data, a total of eight (8) deferral characterization soil samples (NDEF2 @ 2', EDEF3 @ 4', EDEF4 @ 1', SDEF1 @ 4', SDEF2 @ 4', SDEF4 @ 4', WDEF2 @ 13', and WDEF3 @ 4') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical data, the extent of impacted soil was adequately defined and ranged from approximately one (1) foot bgs in the area characterized by sample point EDEF4 to 13 feet bgs in the area characterized by sample point WDEF2.

On January 11, 2022, Etech collected three (3) confirmation soil samples (EW3, WW8, and FL 83 @ 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg (EW3) to 112 mg/kg (WW8).

In addition, Etech advanced a series of hand-augered soil bores and/or test trenches in the areas characterized by sample points NDEF3, NDEF4, EDEF2, and WDEF4 to further investigate the extent of impacted soil requiring deferral of remediation. During the advancement of the soil bores/test trenches, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. Based on field observations and field test data, a total of four (4) deferral characterization soil samples (NDEF3 @ 3', NDEF4 @ 2', EDEF2 @ 6', and WDEF4 @ 3') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical data, the extent of impacted soil was adequately defined and ranged from approximately two (2) feet bgs in the area characterized by sample point NDEF4 to six (6) feet bgs in the area characterized by sample point EDEF2.

On January 14, 2022, Etech collected two (2) confirmation soil samples (WW9 and FL 84 @ 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. The chloride concentration was 80.0 mg/kg in both soil samples.

On January 17, 2022, Etech collected three (3) confirmation soil samples (FL 26 @ 2', FL 27 @ 2', and FL 41 @ 2') from the 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample FL 41 @ 2' (TPH 23.8 mg/kg). Chloride concentrations ranged from 60.0 mg/kg (FL 27 @ 2') to 432 mg/kg (FL 41 @ 2').

On January 26, 2022, Etech collected three (3) confirmation soil samples (FL 42 @ 12', FL 43 @ 12', and FL 55 @ 3.5') from the 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 Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 192 mg/kg (FL 55 @ 3.5') to 320 mg/kg (FL 42 @ 12').

The final dimensions of the excavated area in the pasture were approximately 118 to 160 feet in length, 12 to 119 feet in width, and six (6) inches in depth. The final dimensions of the excavated area on the pad were approximately 22 feet to 202 in length, eight (8) to 121 feet in width, and six (6) inches to 12 feet in depth. During the course of remediation activities, Etech transported approximately 2,110 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,976 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figures 3A and 3B, "Site & Sample Location Map (Pasture)" and "Site & Sample Location Map (Pad)", respectively. Soil chemistry data is summarized in Table 1. Field data and a soil profile log are provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

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 contoured and compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency- and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site. Final remediation, reclamation, and re-vegetation will be conducted upon decommission and abandonment of the facility.

7.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria was excavated to the extent practicable and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria. Impacted soil affected above the NMOCD Closure Criteria in the area characterized by sample locations NDEF2, NDEF3, NDEF4, EDEF2, EDEF3, EDEF4, SDEF1, SDEF2, SDEF3, SDEF4, WDEF2, WDEF3, and WDEF4 will be remediated upon decommissioning and abandonment of the SWD facility, in accordance with Section 19.15.29.13 NMAC. Etech and Goodnight maintain excavation of impacted soil beneath the lined SWD containment would require a major facility deconstruction.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Goodnight provide copies of this *Remediation Summary & Deferral Request* to the appropriate agencies and cease remediation activities at the Jalapeno RP release site.

8.0 LIMITATIONS

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

9.0 DISTRIBUTION

Goodnight Midstream Permian, LLC

*5910 N Central Expy
Dallas, TX 75206*

New Mexico Energy, Minerals and Natural Resources Department

*Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505*

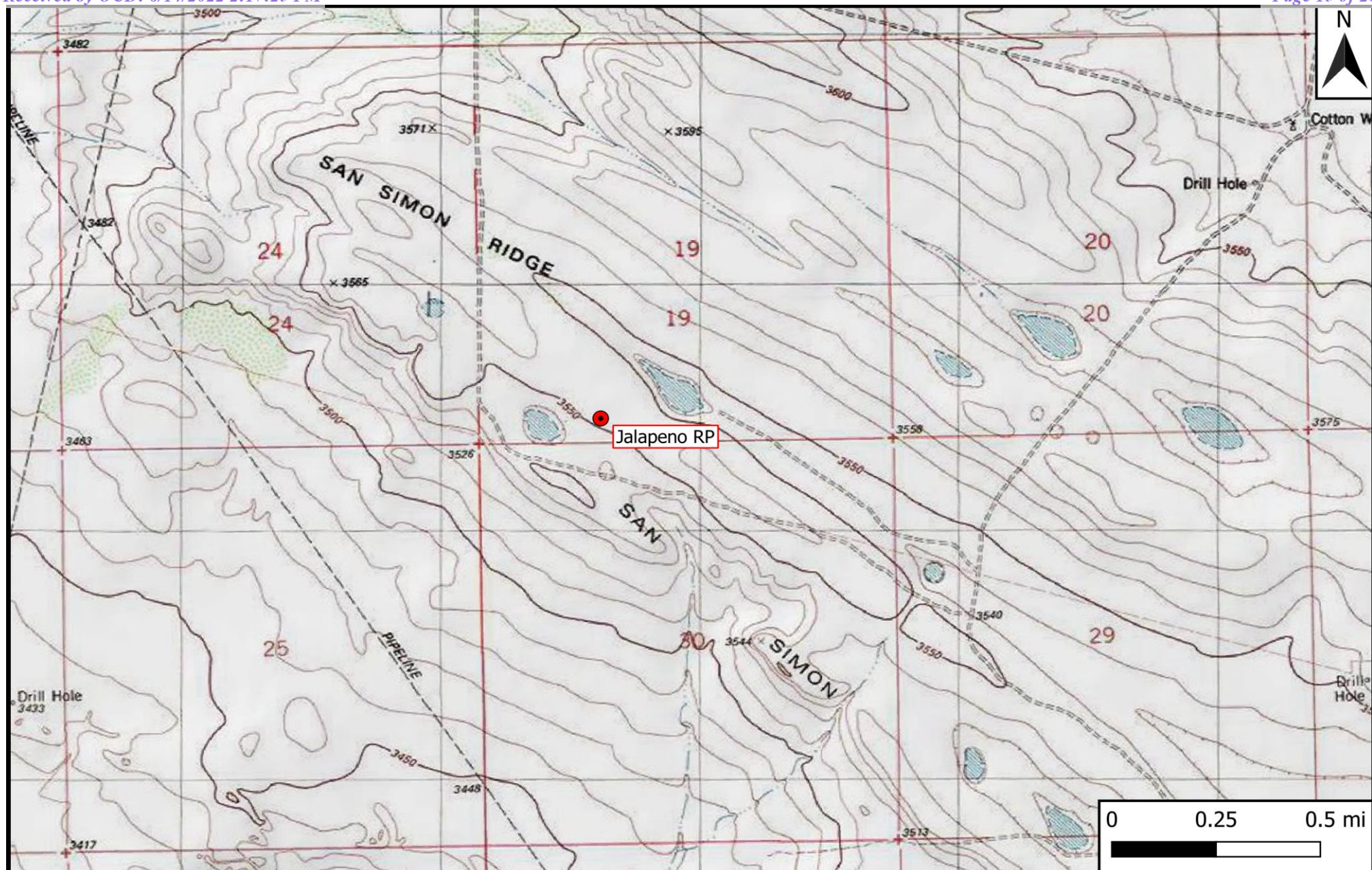
Merchant Livestock Company

*P.O. Box 1105
Eunice, NM 88231*

(Electronic Submission)

Figure 1

Topographic Map



Legend

● Site Location

Figure 1

Topographic Map
Goodnight Midstream Permian, LLC
Jalapeno RP
GPS: 32.37081, -103.41011
Lea County

eTECH
Environmental & Safety Solutions, Inc.

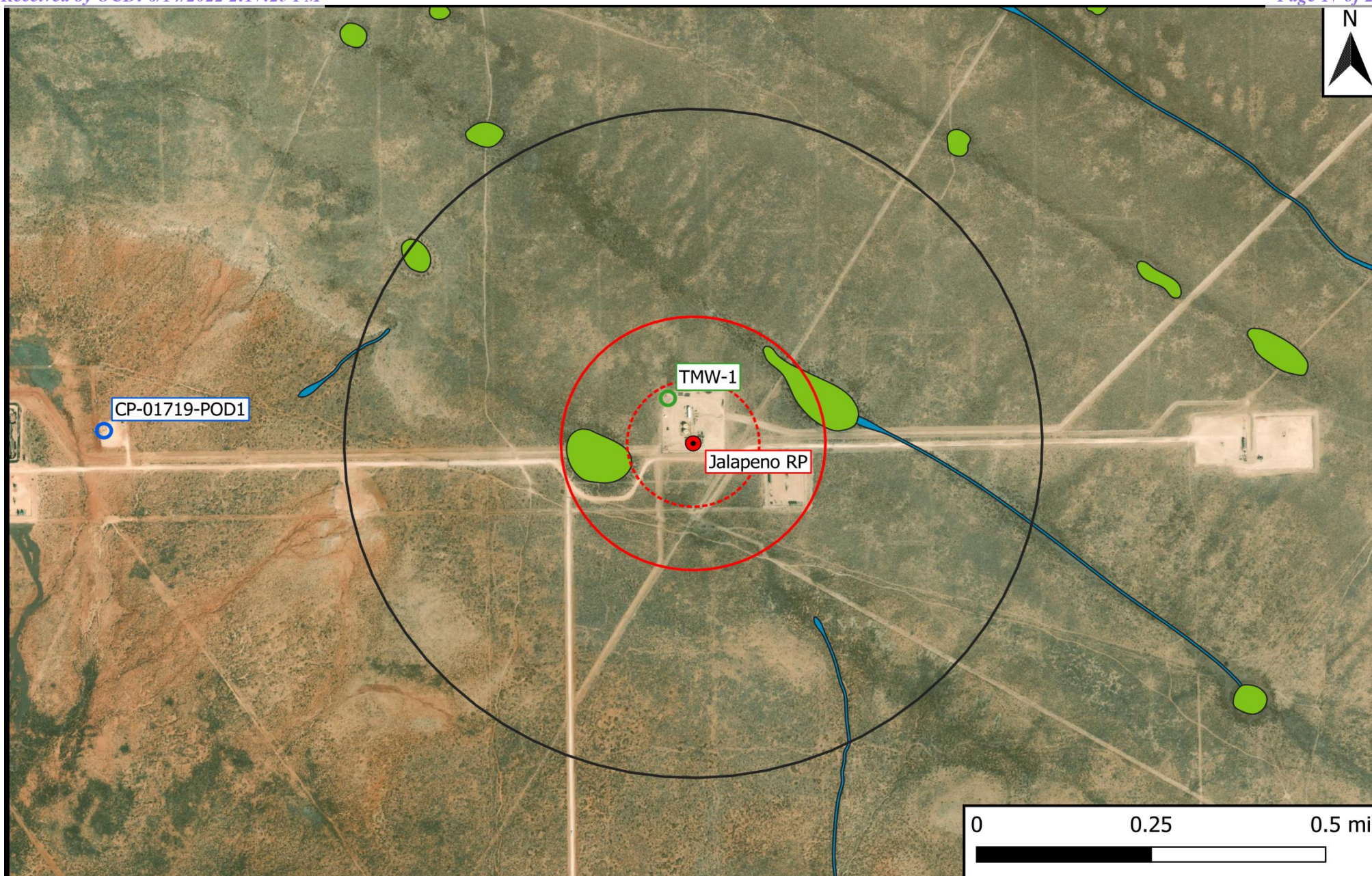
Drafted: mag

Checked: jwl

Date: 1/28/22

Figure 2

Aerial Proximity Map



Legend

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

Figure 2
 Aerial Proximity Map
 Goodnight Midstream Permian, LLC
 Jalapeno RP
 GPS: 32.37081, -103.41011
 Lea County



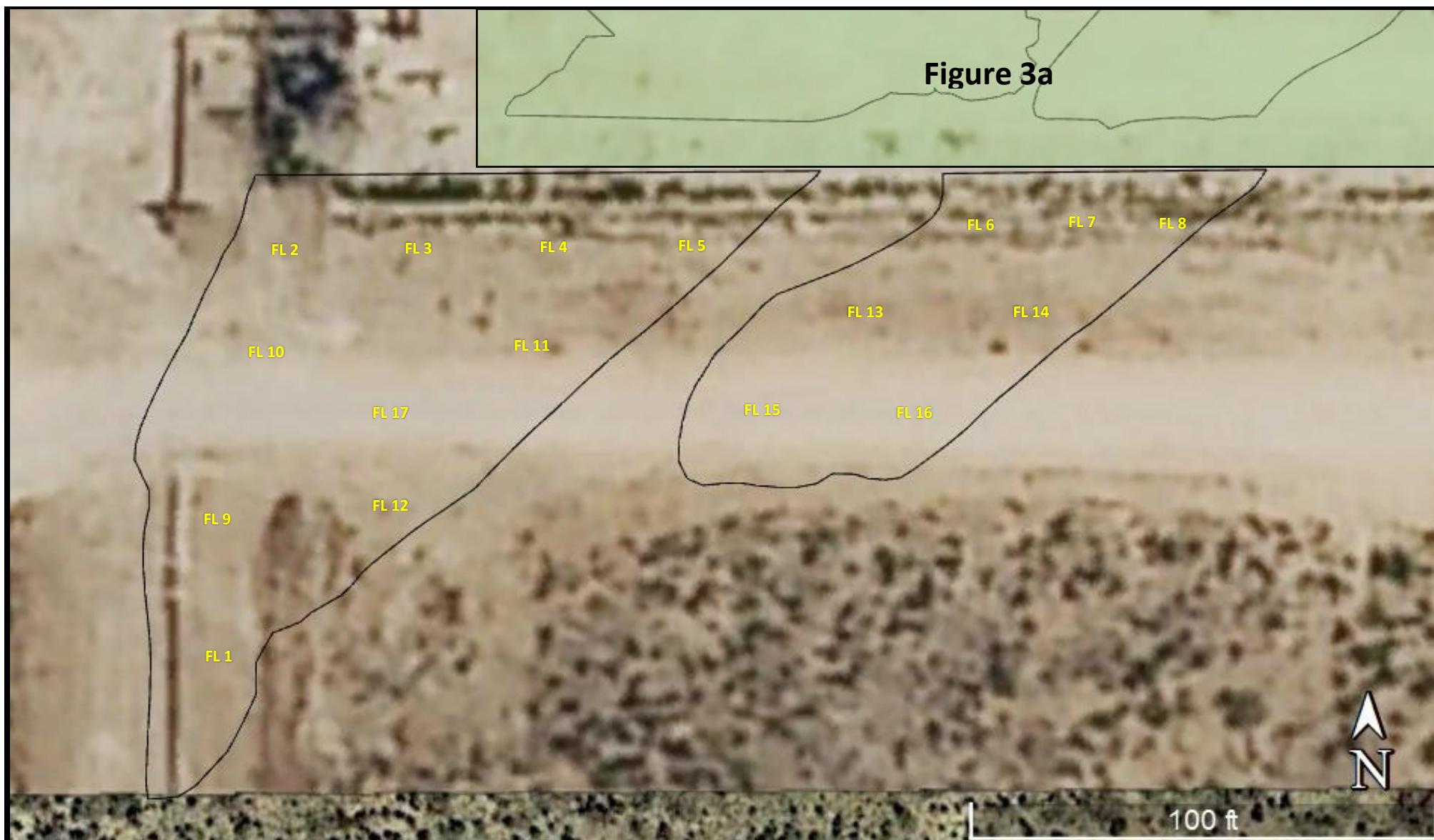
Drafted: bja

Checked: jwl

Date: 1/28/22

Figure 3A & 3B

Site & Sample Location Maps



Legend:




-  Excavated Area (6" Scrape)
-  Release Margins
-  Composite Floor Sample

Figure 3A

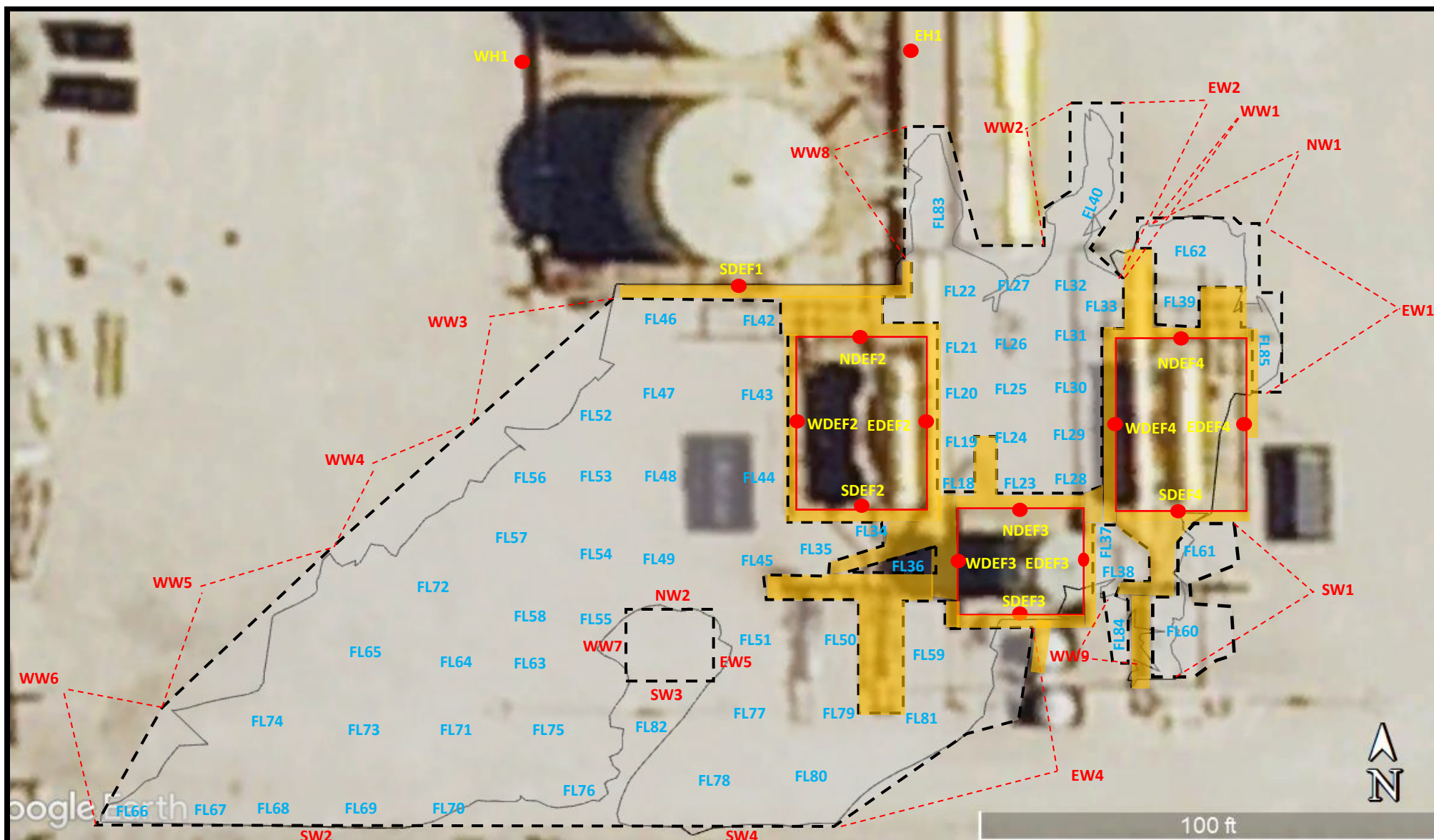
Site & Sample Location Map (Pasture)
Goodnight Midstream Permian, LLC
Jalapeno RP
GPS: 32.37081, -103.41011
Lea County



Revised: bja

Checked: jwl

Date: 6/2/22



Legend:

- Excavated Area
- Proposed Deferral Area
- FL# Composite Floor Sample
- WW# Composite Wall Sample
- Delineation/Deferral Sample Location
- Release Margins

Figure 3B

Site & Sample Location Map (Pad)
 Goodnight Midstream Permian, LLC
 Jalapeno RP
 GPS: 32.37081, -103.41011
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Revised: bja

Checked: jwl

Date: 6/2/22

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Goodnight Midstream Permian, LLC
Jalapeno RP
NMOCD Ref. #: nAPP2132245281

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Delineation & Deferral Samples											
SP1 @ Surface	11/23/2021	0	Excavated	0.00699	1.03	1,180	13,200	14,400	1,250	15,600	6,760
SP1 @ 1'R	11/23/2021	1	Excavated	0.0339	0.335	72.7	601	674	<49.9	674	5,420
SP1 @ 2'	12/3/2021	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SP2 @ Surface	11/23/2021	0	Excavated	<0.00198	<0.00396	<49.9	81.3	81.3	<49.9	81.3	4,840
SP2 @ 1'R	11/23/2021	1	Excavated	<0.00202	<0.00403	<50.0	530	530	<50.0	530	3,460
SP2 @ 3'	12/3/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP3 @ Surface	11/23/2021	0	Excavated	<0.00200	<0.00400	<50.0	237	237	<50.0	237	5,240
SP3 @ 2'	11/23/2021	2	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	123
SP4 @ 2'	12/3/2021	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
NH1 @ Surface	11/29/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NH1 @ 1'	11/29/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH1 @ Surface	11/29/2021	0	In-Situ	<0.050	<0.300	<10.0	10.2	10.2	<10.0	10.2	48.0
EH1 @ 1'	11/29/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH1 @ Surface	11/29/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH1 @ 1'	11/29/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NDEF2 @ Surface	11/29/2021	0	Deferral	<0.050	16.5	655	13,900	14,600	2,290	16,800	16,200
NDEF2 @ 1'	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	128	128	13.9	142	4,320
NDEF2 @ 2'	1/10/2022	2	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NDEF3 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	1,440	1,440	243	1,680	11,500
NDEF3 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	147	147	23.0	170	960
NDEF3 @ 3'	1/11/2022	3	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NDEF4 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	1,390	1,390	332	1,720	12,600
NDEF4 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	226	226	74.6	301	4,160
NDEF4 @ 2'	1/11/2022	2	Deferral	<0.050	<0.300	<10.0	23.2	23.2	<10.0	23.2	288
EDEF2 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	12.8	1,140	1,150	181	1,330	8,000
EDEF2 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	20.2	1,440	1,460	224	1,680	11,900
EDEF2 @ 6'	1/11/2022	6	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
EDEF3 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	140	140	20.5	161	15,200
EDEF3 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	29.1	29.1	<10.0	29.1	3,640
EDEF3 @ 4'	1/10/2022	4	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EDEF4 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	1,220	1,220	305	1,530	17,800
EDEF4 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	60.7	60.7	27.6	88.3	8,600
EDEF4 @ 1'	1/10/2022	1	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SDEF1 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	1,160	1,160	291	1,450	10,800
SDEF1 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	44.6	44.6	<10.0	44.6	9,330
SDEF1 @ 4'	1/10/2022	4	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SDEF2 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	243	243	82.6	326	4,880
SDEF2 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	26.2	26.2	<10.0	26.2	1,360
SDEF2 @ 4'	1/10/2022	4	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SDEF3 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	82.4	82.4	17.9	100	14,300

Dash (-): Not applicable OR Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Goodnight Midstream Permian, LLC
Jalapeno RP
NMOCD Ref. #: nAPP2132245281

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	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)
SDEF3 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
SDEF4 @ Surface	11/29/2021	0	Deferral	<0.500	107	1,910	16,900	18,800	3,330	22,100	9,600
SDEF4 @ 1'-R	11/29/2021	1	Deferral	<0.050	5.12	342	12,500	12,800	3,070	15,900	9,600
SDEF4 @ 4'	1/10/2022	4	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
WDEF2 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	12.6	1,650	1,660	262	1,920	21,400
WDEF2 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	696	696	112	808	6,930
WDEF2 @ 13'	1/10/2022	13	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
WDEF3 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	1,070	1,070	239	1,310	19,800
WDEF3 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	821	821	201	1,020	15,200
WDEF3 @ 4'	1/10/2022	4	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WDEF4 @ Surface	11/29/2021	0	Deferral	<0.050	<0.300	<10.0	34.8	34.8	<10.0	34.8	176
WDEF4 @ 1'-R	11/29/2021	1	Deferral	<0.050	<0.300	<10.0	53.3	53.3	16.3	69.6	256
WDEF4 @ 3'	1/11/2022	3	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
Excavation Samples											
NW #1	12/27/2021	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
NW2	1/6/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW #1	12/27/2021	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
ESW #2	12/27/2021	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW3	1/11/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW4	1/10/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW5	1/10/2022	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW #1	12/27/2021	0-4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW1	12/3/2021	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW2	1/6/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW3	1/6/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW4	1/10/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW #1	12/27/2021	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WW2	1/10/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
WW #3	12/27/2021	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW4	1/4/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW5	1/6/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW6	1/6/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW7	1/6/2022	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW8	1/11/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW9	1/10/2022	0-3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW9	1/14/2022	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 1 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 2 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 3 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 4 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 5 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

Dash (-): Not applicable OR Sample not analyzed for that constituent.

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Sample ID	Date	Depth (Feet)	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 6 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 7 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 8 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	20.2	20.2	<10.0	20.2	224
FL 9 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	45.4	45.4	<10.0	45.4	352
FL 10 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	16.9	16.9	<10.0	16.9	240
FL 11 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 12 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 13 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 14 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 15 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 16 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 17 @ 6"	12/3/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL #18 @ 4'	12/8/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL #19 @ 4'	12/8/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #20 @ 4'	12/8/2021	4	In-Situ	<0.050	<0.300	<10.0	18.9	18.9	<10.0	18.9	176
FL #21 @ 3'	12/8/2021	3	In-Situ	<0.050	<0.300	<10.0	18.5	18.5	<10.0	18.5	240
FL #22 @ 3'	12/8/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL #23 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	11.6	11.6	<10.0	11.6	304
FL #24 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #25 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	13.8	13.8	<10.0	13.8	224
FL 26 @ 2'	1/17/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 27 @ 2'	1/17/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #28 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	23.4	23.4	<10.0	23.4	320
FL #29 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	20.7	20.7	<10.0	20.7	160
FL #30 @ 2'	12/7/2021	2	In-Situ	<0.050	<0.300	<10.0	31.4	31.4	<10.0	31.4	256
FL 31 @ 1'	1/4/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 32 @ 1'	1/4/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #33 @ 4'	12/10/2021	4	In-Situ	<0.050	<0.300	<10.0	27.1	27.1	17.8	44.9	192
FL #34 @ 4'	12/10/2021	4	Excavated	<0.050	<0.300	<10.0	47.4	47.4	33.3	80.7	208
FL #34 @ 6'	12/20/2021	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #35 @ 1'	12/20/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL #36 @ 1'	12/20/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL #37 @ 5'	12/20/2021	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #38 @ 2'	12/20/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL #39 @ 1'	12/20/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL #40 @ 6"	12/20/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 41 @ 2'	1/17/2022	2	In-Situ	<0.050	<0.300	<10.0	23.8	23.8	<10.0	23.8	432
FL #42 @ 3'	12/27/2021	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,400
FL 42 @ 12'	1/26/2022	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL #43 @ 3'	12/27/2021	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FL 43 @ 12'	1/26/2022	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288

Dash (-): Not applicable OR Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Goodnight Midstream Permian, LLC
Jalapeno RP
NMOCD Ref. #: nAPP2132245281

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	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 #44 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL #45 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL #46 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #47 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #48 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL #49 @ 2'	12/27/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL #50 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL #51 @ 3'	12/27/2021	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 52 @ 3'	1/4/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 53 @ 3'	1/4/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 54 @ 3'	1/4/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 55 @ 3'	1/4/2022	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 55 @ 3.5'	1/26/2022	3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 56 @ 2'	1/4/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 57 @ 2'	1/4/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 58 @ 2'	1/4/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 59 @ 4'	1/4/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 60 @ 2'	1/4/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 61 @ 4'	1/4/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 62 @ 1'	1/4/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 63 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FS 64 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 65 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FS 66 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FS 67 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FS 68 @ 1'	1/5/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FS 69 @ 2'	1/5/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FS 70 @ 2'	1/5/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FS 71 @ 2'	1/5/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FS 72 @ 2'	1/6/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 73 @ 2'	1/6/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FS 74 @ 2'	1/6/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FS 75 @ 3'	1/6/2022	3	In-Situ	<0.050	<0.300	<10.0	42.3	42.3	<10.0	42.3	144
FS 76 @ 3'	1/6/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 77 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 78 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 79 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 80 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 81 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 82 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 83 @ 2'	1/11/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0

Dash (-): Not applicable OR Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

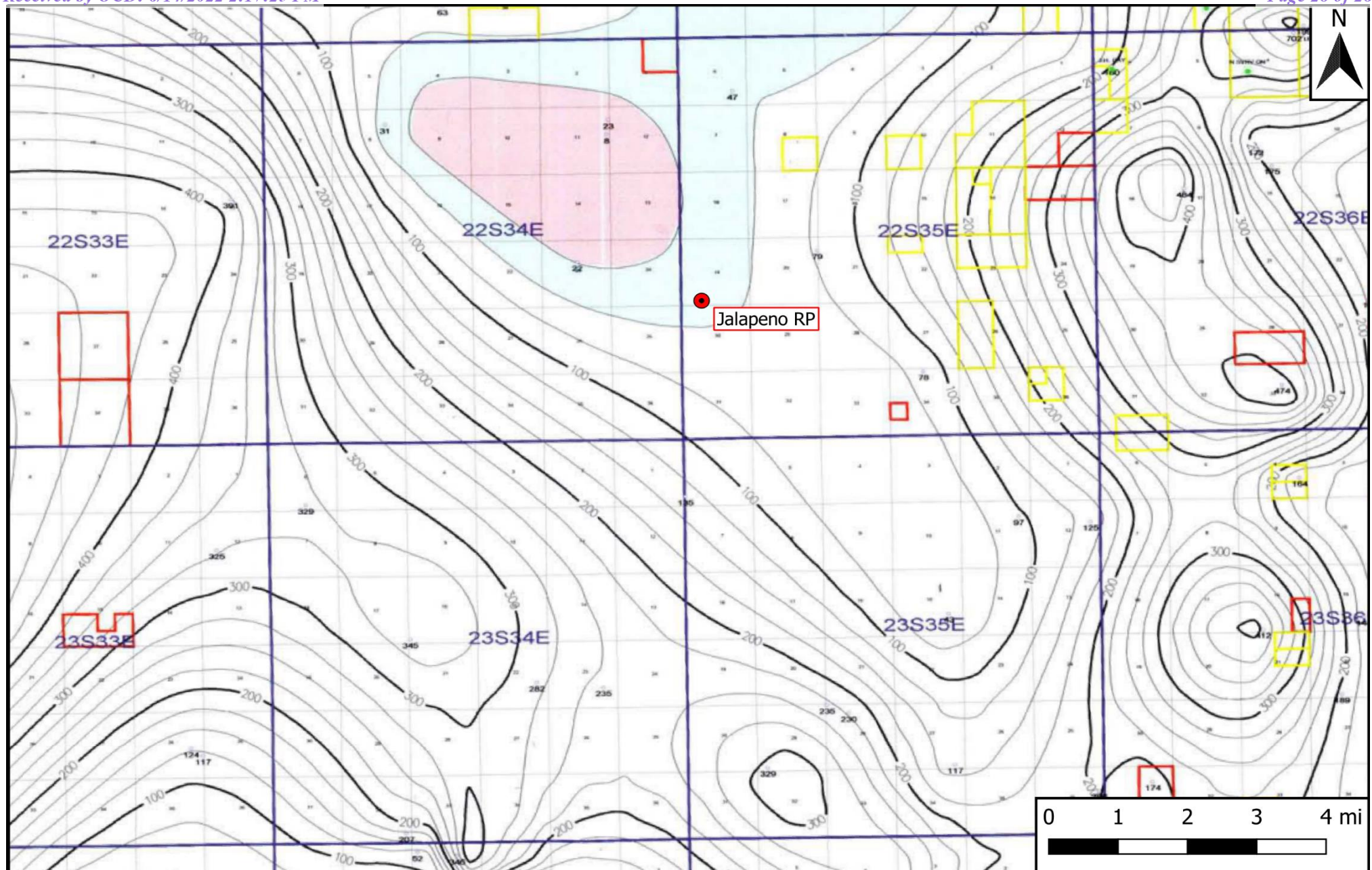
Table 1 Concentrations of BTEX, TPH & Chloride in Soil Goodnight Midstream Permian, LLC Jalapeno RP NMOCD Ref. #: nAPP2132245281											
NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 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 84 @ 3'	1/14/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 85 @ 1'	1/10/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256

Dash (-): Not applicable OR Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

Appendix A

Depth to Groundwater Information



Legend

● Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
 Goodnight Midstream Permian, LLC
 Jalapeno RP
 GPS: 32.37081, -103.41011
 Lea County

ETECH
 Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 1/28/22



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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

80 

Maximum Depth: **838 feet**

UTMNAD83 Radius Search (in meters):

Easting (X): 649574.34

Northing (Y): 3582649.65

Radius: 1610

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11/19/21 8:03 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01719 POD1	4	4	3	24	22S	34E	648215	3582680

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY", CE

Drill Start Date: 05/20/2019 **Drill Finish Date:** 05/24/2019 **Plug Date:**

Log File Date: 06/10/2019 **PCW Rev Date:** **Source:** Artesian

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM

Casing Size: 8.00 **Depth Well:** 1173 feet **Depth Water:** 838 feet

Water Bearing Stratifications:

Top	Bottom	Description
826	857	Shale/Mudstone/Siltstone
857	953	Shale/Mudstone/Siltstone
953	1150	Sandstone/Gravel/Conglomerate
1150	1173	Shale/Mudstone/Siltstone

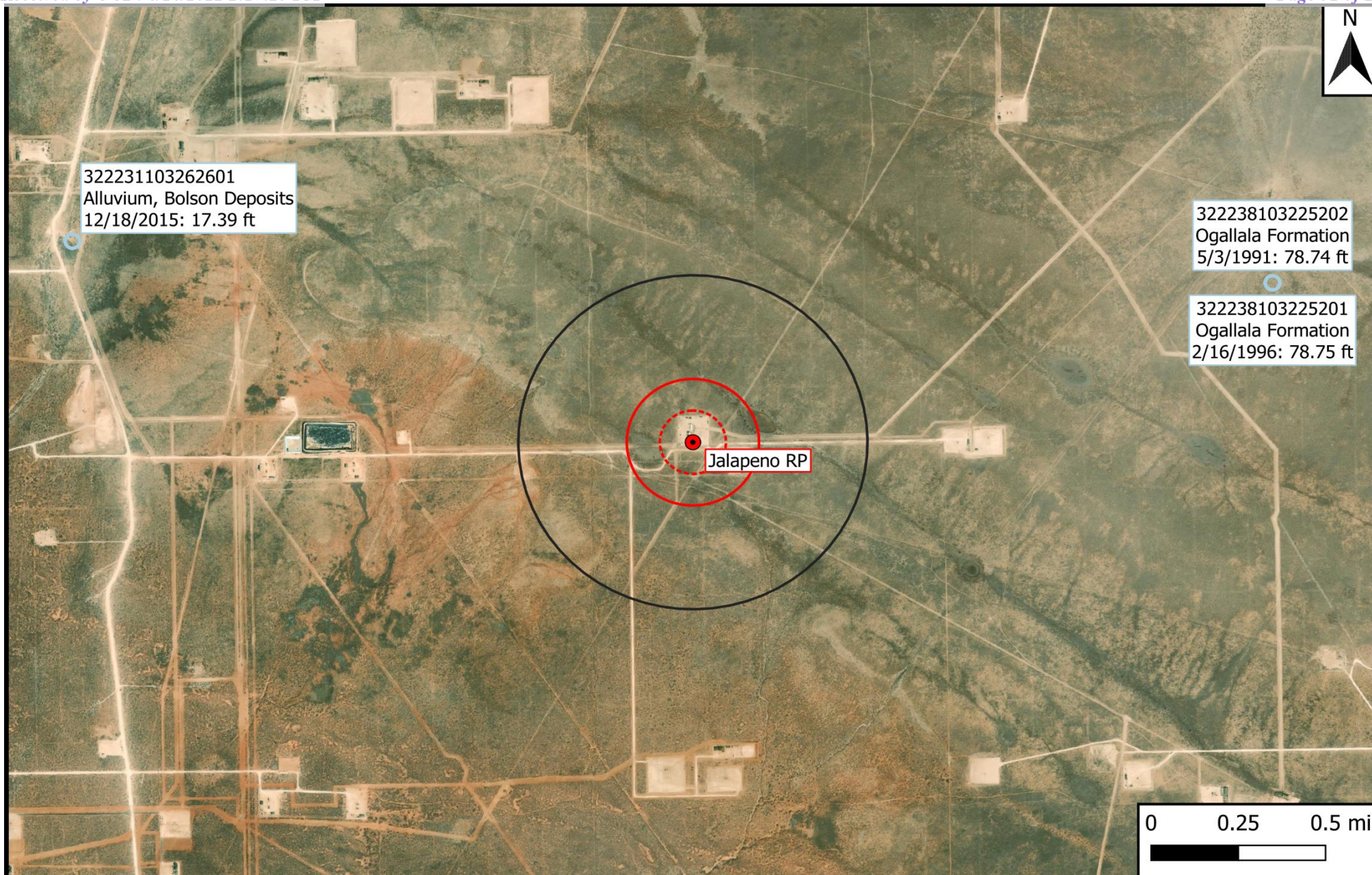
Casing Perforations:

Top	Bottom
753	1173

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11/19/21 8:03 AM

POINT OF DIVERSION SUMMARY



Legend

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

Figure 5

USGS Well Proximity Map
Goodnight Midstream Permian, LLC
Jalapeno RP
GPS: 32.37081, -103.41011
Lea County



Drafted: bja

Checked: jwl

Date: 1/28/22



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```
site_no list =
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- 322231103262601

Minimum number of levels = 1

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USGS 322231103262601 22S.34E.23.23131

Lea County, New Mexico

Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83

Land-surface elevation 3,452 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.

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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
1968-06-10		D	72019	25.25			1	Z			A
1971-09-08		D	72019	26.98			P	Z			A
1976-12-16		D	72019	24.30			1	Z			A
1981-03-18		D	72019	23.37			1	Z			A
1986-04-10		D	72019	22.83			1	Z			A
1991-05-03		D	72019	22.53			1	Z			A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1996-02-21		D	72019	22.13			1	S			A
2015-12-18	21:30 UTC	m	72019	17.39			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.32 0.27 nadww01



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Agency code = usgs

site_no list =

- 322238103225201

Minimum number of levels = 1

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USGS 322238103225201 22S.35E.20.22442

Lea County, New Mexico

Latitude 32°22'38", Longitude 103°22'52" NAD27

Land-surface elevation 3,539 feet above NAVD88

This well is completed in the Other aquifers (N99990THER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

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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
1965-11-02		D	72019	77.57			1	Z			A
1968-06-10		D	72019	75.64			P	Z			A
1970-12-04		D	72019	77.17			P	Z			A
1996-02-16		D	72019	78.75			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	P	Pumping
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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Agency code = usgs

site_no list =

- 322238103225202

Minimum number of levels = 1

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USGS 322238103225202 22S.35E.20.22442A

Lea County, New Mexico

Latitude 32°22'38", Longitude 103°22'52" NAD27

Land-surface elevation 3,539 feet above NAVD88

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

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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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
1976-12-16			D	72019	77.90		1	Z			A
1981-03-18			D	72019	77.57		1	Z			A
1986-03-21			D	72019	77.29		1	Z			A
1991-05-03			D	72019	78.74		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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Page Last Modified: 2022-06-10 13:00:03 EDT

0.38 0.35 nadww01

Appendix B

Field Data & Soil Profile Logs



Sample Log

Date: _____

Project: Jalapeno RP 11-17-21

Project Number: 15251 Latitude: 32.37081 Longitude: -103.41011

Sample ID	PID/Odor	Chloride Conc.	GPS
SP1 @ surface	Bad		
SP1 @ 1'-R	-		
SP2 @ surface	Bad		
SP2 @ 1'-R	-		
SP3 @ surface	Bad		
SP3 @ 2'	-	496	
Defferal samples			
NH1 @ surface	-	333	
NH1 @ 1'	-	496	
EH1 @ surface	-	112	
EH1 @ 1'	-	176	
SH1 @ surface	-	496	
SH1 @ 1'	-	496	
WDEF1 @ surface	light	1718	
WDEF1 @ 1'	some	72464	
NDEF2 @ surface	some	2464	
NDEF2 @ 1'	light	72464	
EDEF2 @ surface	some	72464	
EDEF2 @ 1'	some	1028	
SDEF2 @ surface	some	72464	
SDEF2 @ 1'	some	72464	
WDEF2 @ surface	light	72464	
WDEF2 @ 1'	light	72464	
NDEF3 @ surface	some	72464	
NDEF3 @ 1'	some	72464	
EDEF3 @ surface	some	1816 72464	
EDEF3 @ 1'	some	1816	
SDEF3 @ surface	some	1816	
SDEF3 @ 1'	some	72464	
WDEF3 @ surface	light	1764	
WDEF3 @ 1'	some	72464	
NDEF4 @ surface	Bad	72464	
NDEF4 @ 1'	some	72464	
EDEF4 @ surface	Bad	72464	
EDEF4 @ 1'	some	1968	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

 Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
SDEF4 @ surface	—	372	
SOEF4 @ 1'	—	332	
WDEF4 @ surface	Some	72464	
WDEF4 @ 1'	Some	72464	
SP1 @ 2'	—	326	
SP2 @ 2'	—	592	
SP2 @ 3'	—	296	
FL1 @ 6"	—	196	
FL2 @ 6"	—	196	
FL3 @ 6"	—	328	
FL4 @ 6"	—	293	
FL5 @ 6"	—	334	
FL6 @ 6"	—	293	
FL7 @ 6"	—	326	
SW1	—	196	
FL8 @ 6"	—	332	
FL9 @ 6"	—	344	
FL10 @ 6"	—	296	
FL11 @ 6"	—	296	
FL12 @ 6"	—	344	
SP2	—		
SP3 @ 2'	—		
FL# 18 @ 2'	—	772	
FL# 19 @ 2'	—	908	
FL# 20 @ 2'	—	444	
FL# 21 @ 2'	—	772	
FL# 22 @ 2'	—	1,640	
FL# 23 @ 2'	—	364	
FL# 24 @ 2'	—	228	
FL# 25 @ 2'	—	228	
FL# 28 @ 2'	—	404	
FL# 29 @ 2'	—	364	
FL# 30 @ 2'	—	364	
FL# 18 @ 3'	—	648	
FL# 18 @ 4'	—	228 228	
FL# 19 @ 4'	—	228 228	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____
 Project Number: Jalapeño RP Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL#20 @ 4'	-	364	
FL#21 @ 3'	-		
FL#22 @ 3'	-		
FL#33 @ 4'	-	126	
FL 34 @ 4'	-	126	
FL 41			
FL 42 @ 3'		1324	
FL 43 @ 3'		1144	
FL 44 @ 3'		404	
FL 45 @ 1'	-	492	
FL 46 @ 2'		364	
FL 47 @ 3'		364	
FL 48 @ 3'		364	
FL 49 @ 1'	-	492	
FL 50 @ 3'		364	
FL 51 @ 3'		444	
FL 52			
FL 53			
FL 54			
FL 45 @ 3'		292	
NWI		364	
EWI		274	
WWI		218	
NSW#2	-		
WSW#2 ✓	-		
ESW#2 * - NO	-	228	
SWI	-	324	
1e 2 1/2' 1e 3 1/2' S2	-	372 260	
2e 2 1/2' 2e 3 1/2' S3	-	260 168	
3e 2 1/2' S4	-	444	
4e 2 1/2' S5	-	292	
FL 56 @ 2'		112	
FL 57 @ 2'		200	
FL 58 @ 2'		224	
WW 4	-	224	

> Still need to re samples

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

[Handwritten signature]



Sample Log

Date: _____

 Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 59 @ 4'		260	
FL 60 @ 2'		172	
FL 61 @ 4'		324	
FL 62 @ 1'		200	
FL 63 @ 1'		212	
FL 64 @ 1'		200	
FL 65 @ 1'		172	
FL 66 @ 1'		260	
FL 67 @ 1'		293	
FL 68 @ 1'		336	
FL 69 @ 2'		324	
FL 70 @ 2'		276	
FL 71 @ 2'		49	
FL 72 @ 2'		712	
FL 74 @ 2'		212	
FL 73 @ 2'		172	
FL 75 @ 3'		260	
FL 76 @ 3'		289	
WW5		198	
WW6		712	
WW7		176	
NW2		197	
SW3		112	
SW2		112	
FL 77	-		
FL 78	-		
FL 79	-		
FL 80	-		
FL 81	-		
SW4	-		
EW4	-		
EW5	-		
FL 82			

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Soil Boring/Temporary Monitor Well TMW-1

Company: Goodnight Midstream Permian, LLC Site: Jalapeno RP NMOCD Reference #: nAPP2132245281 Location: Lea Co., NM PLSS: U/L "N", Sec. 19, T22S, R35E			Well/Borehole ID: TMW-1 Coordinates (NAD 83): 32.371791,-103.410713 Drilling Date: 5/4/2022 Depth of Boring (ft): 80 Depth to Groundwater (ft): 44 Plugging Date: 6/1/2022			Drilling Company: Scarborough Drilling, Inc. Driller: L. Scarborough Drilling Method: Air Rotary Logged By: L. Scarborough Drafted By: B. Arguijo Draft Date: 6/10/2022		
Completion: N/A			Casing: 2" PVC			Screen: 0.1" Slotted		
Comments: Temporary monitor well advanced in northwest corner of production pad.								
Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field Test	Petroleum Odor	Petroleum Stain	Well Construction	
5			Caliche pad Caliche fines	-	-	-		
10			Sand	-	-	-		
15				-	-	-		
20				-	-	-		
25				-	-	-		
30				-	-	-		
35				-	-	-		
40				-	-	-		
45				-	-	-		
50				-	-	-		
55				-	-	-		
60				-	-	-		
65				-	-	-		
70				-	-	-		
75				-	-	-		
80				-	-	-		
85			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual.					
90								
95								

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Appendix C

Photographic Log

Photographic Log



Photo Number: 1	 <p>12/7/2021 6:32 PM 32.370983, -103.409683</p>
Photo Direction: West	
Photo Description: Aerial view of the affected area.	

Photo Number: 2	 <p>11/18/2021 07:44 32.370728 -103.410781</p>
Photo Direction: Southwest	
Photo Description: View of the affected area.	


Photographic Log

Photo Number: 3	
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: East-Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	 <p>11/18/2021 07:36 32.370694 -103.410089</p>
Photo Direction: North-Northwest	
Photo Description: View of the affected area.	

Photo Number: 6	 <p>11/18/2021 07:36 32.370678 -103.410089</p>
Photo Direction: West	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 7	
Photo Direction: South	
Photo Description: View of the excavated area.	

Photo Number: 8	
Photo Direction: Southwest	
Photo Description: View of the excavated area.	


Photographic Log

Photo Number: 9	
Photo Direction: South	
Photo Description: View of the excavated area.	

Photo Number: 10	
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 11	 <p>Jan 13, 2022 at 8:48:26 AM 1° N</p> <p>32.370686, 103.410045</p>
Photo Direction: North	
Photo Description: View of the excavated area.	

Photo Number: 12	 <p>Jan 13, 2022 at 8:48:48 AM 352° N</p> <p>32.370767, -103.409853</p>
Photo Direction: North	
Photo Description: View of the excavated area.	

Photographic Log


Photo Number: 13	
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 14	
Photo Direction: East	
Photo Description: View of the remediated area after backfilling and regrading.	

Photographic Log



Photo Number: 15	 <p>Feb 17, 2022 at 8:54:33 AM 114° SE</p> <p>32.370816, -103.410530</p>
Photo Direction: Southeast	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 16	 <p>Feb 17, 2022 at 8:54:51 AM 61° NE</p> <p>32.370798, -103.410322</p>
Photo Direction: Northeast	
Photo Description: View of the remediated area after backfilling and regrading.	

Photographic Log




Photo Number: 17	 <p>Feb 17, 2022 at 8:55:53 AM 3° N</p> <p>32.370688, -103.409902</p>
Photo Direction: North	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 18	 <p>Feb 17, 2022 at 8:56:04 AM 71° E</p> <p>32.370683, -103.409807</p>
Photo Direction: East	
Photo Description: View of the remediated area after backfilling and regrading.	

Photographic Log

Photo Number: 19	
Photo Direction: Southwest	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 20	
Photo Direction: Southeast	
Photo Description: View of the advancement of temporary monitor well TMW-1.	

Appendix D

Laboratory Analytical Reports



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-8671-1

Laboratory Sample Delivery Group: Rural Lea Co, NM
Client Project/Site: Jalapeno RP

For:

Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: Joel Lowry

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

Authorized for release by:
12/2/2021 4:32:19 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through
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Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Laboratory Job ID: 880-8671-1
SDG: Rural Lea Co, NM

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Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Job ID: 880-8671-1

Laboratory: Eurofins Xenco, Midland

Narrative

**Job Narrative
880-8671-1**

Receipt

The samples were received on 11/24/2021 11:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-13637 and analytical batch 880-13588 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13605 and 880-13605 and analytical batch 880-13607 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP1 @ Surface

Lab Sample ID: 880-8671-1

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00699		0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:31	1
Toluene	0.00793		0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:31	1
Ethylbenzene	0.303	F1	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:31	1
m-Xylene & p-Xylene	0.449	F1	0.00399		mg/Kg		11/30/21 08:45	12/01/21 00:31	1
o-Xylene	0.264	F1	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:31	1
Xylenes, Total	0.713	F1	0.00399		mg/Kg		11/30/21 08:45	12/01/21 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/30/21 08:45	12/01/21 00:31	1
1,4-Difluorobenzene (Surr)	79		70 - 130	11/30/21 08:45	12/01/21 00:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.03		0.00399		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15600		250		mg/Kg			12/01/21 20:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1180		250		mg/Kg		12/01/21 16:23	12/02/21 12:46	5
Diesel Range Organics (Over C10-C28)	13200		250		mg/Kg		12/01/21 16:23	12/02/21 12:46	5
Oil Range Organics (Over C28-C36)	1250		250		mg/Kg		12/01/21 16:23	12/02/21 12:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	12/01/21 16:23	12/02/21 12:46	5
o-Terphenyl	104		70 - 130	12/01/21 16:23	12/02/21 12:46	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6760	F1	50.5		mg/Kg			12/01/21 13:35	10

Client Sample ID: SP1 @ 1'R

Lab Sample ID: 880-8671-2

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0339		0.00198		mg/Kg		11/30/21 08:45	12/01/21 00:51	1
Toluene	0.190		0.00198		mg/Kg		11/30/21 08:45	12/01/21 00:51	1
Ethylbenzene	0.0296		0.00198		mg/Kg		11/30/21 08:45	12/01/21 00:51	1
m-Xylene & p-Xylene	0.0598		0.00396		mg/Kg		11/30/21 08:45	12/01/21 00:51	1
o-Xylene	0.0214		0.00198		mg/Kg		11/30/21 08:45	12/01/21 00:51	1
Xylenes, Total	0.0812		0.00396		mg/Kg		11/30/21 08:45	12/01/21 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	39	S1-	70 - 130	11/30/21 08:45	12/01/21 00:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP1 @ 1'R

Lab Sample ID: 880-8671-2

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	121		70 - 130	11/30/21 08:45	12/01/21 00:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.335		0.00396		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	674		49.9		mg/Kg			12/01/21 20:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	72.7		49.9		mg/Kg		12/01/21 16:23	12/02/21 13:07	1
Diesel Range Organics (Over C10-C28)	601		49.9		mg/Kg		12/01/21 16:23	12/02/21 13:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/01/21 16:23	12/02/21 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/01/21 16:23	12/02/21 13:07	1
o-Terphenyl	103		70 - 130				12/01/21 16:23	12/02/21 13:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		49.9		mg/Kg			12/01/21 14:09	10

Client Sample ID: SP2 @ Surface

Lab Sample ID: 880-8671-3

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/30/21 08:45	12/01/21 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				11/30/21 08:45	12/01/21 01:12	1
1,4-Difluorobenzene (Surr)	98		70 - 130				11/30/21 08:45	12/01/21 01:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	81.3		49.9		mg/Kg			12/01/21 20:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP2 @ Surface

Lab Sample ID: 880-8671-3

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/01/21 10:13	12/01/21 20:19	1
Diesel Range Organics (Over C10-C28)	81.3		49.9		mg/Kg		12/01/21 10:13	12/01/21 20:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/01/21 10:13	12/01/21 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/01/21 10:13	12/01/21 20:19	1
o-Terphenyl	98		70 - 130				12/01/21 10:13	12/01/21 20:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4840		49.8		mg/Kg			12/01/21 14:20	10

Client Sample ID: SP2 @ 1'R

Lab Sample ID: 880-8671-4

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/30/21 08:45	12/01/21 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				11/30/21 08:45	12/01/21 01:32	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/30/21 08:45	12/01/21 01:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	530		50.0		mg/Kg			12/01/21 20:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 20:41	1
Diesel Range Organics (Over C10-C28)	530		50.0		mg/Kg		12/01/21 10:13	12/01/21 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/01/21 10:13	12/01/21 20:41	1
o-Terphenyl	89		70 - 130				12/01/21 10:13	12/01/21 20:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP2 @ 1'R

Lab Sample ID: 880-8671-4

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3460		24.8		mg/Kg			12/01/21 14:32	5

Client Sample ID: SP3 @ Surface

Lab Sample ID: 880-8671-5

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 01:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 01:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 01:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/30/21 08:45	12/01/21 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 01:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/30/21 08:45	12/01/21 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/30/21 08:45	12/01/21 01:53	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/30/21 08:45	12/01/21 01:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	237		50.0		mg/Kg			12/01/21 20:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 21:02	1
Diesel Range Organics (Over C10-C28)	237		50.0		mg/Kg		12/01/21 10:13	12/01/21 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/01/21 10:13	12/01/21 21:02	1
o-Terphenyl	109		70 - 130	12/01/21 10:13	12/01/21 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5240		49.5		mg/Kg			12/01/21 14:43	10

Client Sample ID: SP3 @ 2'

Lab Sample ID: 880-8671-6

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 02:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP3 @ 2'

Lab Sample ID: 880-8671-6

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 02:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 02:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/30/21 08:45	12/01/21 02:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 02:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/30/21 08:45	12/01/21 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/30/21 08:45	12/01/21 02:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/30/21 08:45	12/01/21 02:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/01/21 19:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/01/21 20:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/01/21 10:13	12/01/21 21:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/01/21 10:13	12/01/21 21:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/01/21 10:13	12/01/21 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/01/21 10:13	12/01/21 21:23	1
o-Terphenyl	91		70 - 130	12/01/21 10:13	12/01/21 21:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.04		mg/Kg			12/01/21 15:17	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-8671-1	SP1 @ Surface	124	79
880-8671-1 MS	SP1 @ Surface	110	101
880-8671-1 MSD	SP1 @ Surface	104	96
880-8671-2	SP1 @ 1'R	39 S1-	121
880-8671-3	SP2 @ Surface	112	98
880-8671-4	SP2 @ 1'R	114	110
880-8671-5	SP3 @ Surface	108	101
880-8671-6	SP3 @ 2'	111	95
LCS 880-13343/1-A	Lab Control Sample	108	99
LCSD 880-13343/2-A	Lab Control Sample Dup	115	100
MB 880-13339/5-A	Method Blank	122	107
MB 880-13343/5-A	Method Blank	120	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-8623-A-21-L MS	Matrix Spike	109	84
880-8623-A-21-M MSD	Matrix Spike Duplicate	88	74
880-8671-1	SP1 @ Surface	72	104
880-8671-2	SP1 @ 1'R	105	103
880-8671-3	SP2 @ Surface	92	98
880-8671-4	SP2 @ 1'R	85	89
880-8671-5	SP3 @ Surface	102	109
880-8671-6	SP3 @ 2'	84	91
890-1655-A-1-H MS	Matrix Spike	122	114
890-1655-A-1-I MSD	Matrix Spike Duplicate	104	95
LCS 880-13637/2-A	Lab Control Sample	80	76
LCS 880-13684/2-A	Lab Control Sample	103	96
LCSD 880-13637/3-A	Lab Control Sample Dup	82	79
LCSD 880-13684/3-A	Lab Control Sample Dup	103	95
MB 880-13637/1-A	Method Blank	82	89
MB 880-13684/1-A	Method Blank	108	112
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-13339/5-A

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 09:00	11/30/21 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 09:00	11/30/21 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 09:00	11/30/21 12:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/30/21 09:00	11/30/21 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 09:00	11/30/21 12:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/30/21 09:00	11/30/21 12:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/30/21 09:00	11/30/21 12:28	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/30/21 09:00	11/30/21 12:28	1

Lab Sample ID: MB 880-13343/5-A

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/30/21 08:45	12/01/21 00:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 08:45	12/01/21 00:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/30/21 08:45	12/01/21 00:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/30/21 08:45	12/01/21 00:02	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/30/21 08:45	12/01/21 00:02	1

Lab Sample ID: LCS 880-13343/1-A

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09692		mg/Kg		97	70 - 130
Toluene	0.100	0.09859		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09649		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1910		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09260		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-13343/2-A

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09954		mg/Kg		100	70 - 130	3	35

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-13343/2-A

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09899		mg/Kg		99	70 - 130	0	35
Ethylbenzene	0.100	0.09348		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1853		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.09161		mg/Kg		92	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-8671-1 MS

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: SP1 @ Surface

Prep Type: Total/NA

Prep Batch: 13343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00699		0.100	0.09584		mg/Kg		88	70 - 130
Toluene	0.00793		0.100	0.09453		mg/Kg		86	70 - 130
Ethylbenzene	0.303	F1	0.100	0.09641	F1	mg/Kg		-206	70 - 130
m-Xylene & p-Xylene	0.449	F1	0.201	0.1930	F1	mg/Kg		-128	70 - 130
o-Xylene	0.264	F1	0.100	0.09283	F1	mg/Kg		-170	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-8671-1 MSD

Matrix: Solid

Analysis Batch: 13426

Client Sample ID: SP1 @ Surface

Prep Type: Total/NA

Prep Batch: 13343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00699		0.0990	0.08636		mg/Kg		80	70 - 130	10	35
Toluene	0.00793		0.0990	0.09083		mg/Kg		84	70 - 130	4	35
Ethylbenzene	0.303	F1	0.0990	0.09064	F1	mg/Kg		-214	70 - 130	6	35
m-Xylene & p-Xylene	0.449	F1	0.198	0.1786	F1	mg/Kg		-137	70 - 130	8	35
o-Xylene	0.264	F1	0.0990	0.08652	F1	mg/Kg		-179	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-13637/1-A

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 12:29	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-13637/1-A

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 12:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/01/21 10:13	12/01/21 12:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/01/21 10:13	12/01/21 12:29	1
o-Terphenyl	89		70 - 130				12/01/21 10:13	12/01/21 12:29	1

Lab Sample ID: LCS 880-13637/2-A

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1044		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.4		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	80		70 - 130				
o-Terphenyl	76		70 - 130				

Lab Sample ID: LCSD 880-13637/3-A

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	993.3		mg/Kg		99	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	79		70 - 130						

Lab Sample ID: 880-8623-A-21-L MS

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	1770	F1	mg/Kg		178	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1670	F1	mg/Kg		167	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	84		70 - 130						

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-8623-A-21-M MSD

Matrix: Solid

Analysis Batch: 13588

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	1450	F1	mg/Kg		145	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1479	F1	mg/Kg		148	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	74		70 - 130								

Lab Sample ID: MB 880-13684/1-A

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/01/21 16:23	12/02/21 10:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/01/21 16:23	12/02/21 10:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/01/21 16:23	12/02/21 10:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				12/01/21 16:23	12/02/21 10:17	1
o-Terphenyl	112		70 - 130				12/01/21 16:23	12/02/21 10:17	1

Lab Sample ID: LCS 880-13684/2-A

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1060		mg/Kg		106	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCSD 880-13684/3-A

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13684

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		105	70 - 130	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-13684/3-A

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13684

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 890-1655-A-1-H MS

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13684

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	1394	F1	mg/Kg		135	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1248		mg/Kg		123	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	122		70 - 130							
o-Terphenyl	114		70 - 130							

Lab Sample ID: 890-1655-A-1-I MSD

Matrix: Solid

Analysis Batch: 13719

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13684

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	1287		mg/Kg		124	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1075		mg/Kg		106	70 - 130	15	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	104		70 - 130									
o-Terphenyl	95		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-13605/1-A

Matrix: Solid

Analysis Batch: 13607

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			12/01/21 12:26	1	

Lab Sample ID: LCS 880-13605/2-A

Matrix: Solid

Analysis Batch: 13607

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	254.8		mg/Kg		102	90 - 110		

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-13605/3-A

Matrix: Solid

Analysis Batch: 13607

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	257.4		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-8671-1 MS

Matrix: Solid

Analysis Batch: 13607

Client Sample ID: SP1 @ Surface

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	6760	F1	2530	10270	F1	mg/Kg		139	90 - 110		

Lab Sample ID: 880-8671-1 MSD

Matrix: Solid

Analysis Batch: 13607

Client Sample ID: SP1 @ Surface

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6760	F1	2530	10200	F1	mg/Kg		136	90 - 110	1	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

GC VOA

Prep Batch: 13339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13339/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 13343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	5035	
880-8671-2	SP1 @ 1'R	Total/NA	Solid	5035	
880-8671-3	SP2 @ Surface	Total/NA	Solid	5035	
880-8671-4	SP2 @ 1'R	Total/NA	Solid	5035	
880-8671-5	SP3 @ Surface	Total/NA	Solid	5035	
880-8671-6	SP3 @ 2'	Total/NA	Solid	5035	
MB 880-13343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8671-1 MS	SP1 @ Surface	Total/NA	Solid	5035	
880-8671-1 MSD	SP1 @ Surface	Total/NA	Solid	5035	

Analysis Batch: 13426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	8021B	13343
880-8671-2	SP1 @ 1'R	Total/NA	Solid	8021B	13343
880-8671-3	SP2 @ Surface	Total/NA	Solid	8021B	13343
880-8671-4	SP2 @ 1'R	Total/NA	Solid	8021B	13343
880-8671-5	SP3 @ Surface	Total/NA	Solid	8021B	13343
880-8671-6	SP3 @ 2'	Total/NA	Solid	8021B	13343
MB 880-13339/5-A	Method Blank	Total/NA	Solid	8021B	13339
MB 880-13343/5-A	Method Blank	Total/NA	Solid	8021B	13343
LCS 880-13343/1-A	Lab Control Sample	Total/NA	Solid	8021B	13343
LCSD 880-13343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13343
880-8671-1 MS	SP1 @ Surface	Total/NA	Solid	8021B	13343
880-8671-1 MSD	SP1 @ Surface	Total/NA	Solid	8021B	13343

Analysis Batch: 13709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	Total BTEX	
880-8671-2	SP1 @ 1'R	Total/NA	Solid	Total BTEX	
880-8671-3	SP2 @ Surface	Total/NA	Solid	Total BTEX	
880-8671-4	SP2 @ 1'R	Total/NA	Solid	Total BTEX	
880-8671-5	SP3 @ Surface	Total/NA	Solid	Total BTEX	
880-8671-6	SP3 @ 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 13588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-3	SP2 @ Surface	Total/NA	Solid	8015B NM	13637
880-8671-4	SP2 @ 1'R	Total/NA	Solid	8015B NM	13637
880-8671-5	SP3 @ Surface	Total/NA	Solid	8015B NM	13637
880-8671-6	SP3 @ 2'	Total/NA	Solid	8015B NM	13637
MB 880-13637/1-A	Method Blank	Total/NA	Solid	8015B NM	13637
LCS 880-13637/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13637
LCSD 880-13637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13637

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 13588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8623-A-21-L MS	Matrix Spike	Total/NA	Solid	8015B NM	13637
880-8623-A-21-M MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	13637

Prep Batch: 13637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-3	SP2 @ Surface	Total/NA	Solid	8015NM Prep	
880-8671-4	SP2 @ 1'R	Total/NA	Solid	8015NM Prep	
880-8671-5	SP3 @ Surface	Total/NA	Solid	8015NM Prep	
880-8671-6	SP3 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-13637/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13637/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-8623-A-21-L MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-8623-A-21-M MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 13684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	8015NM Prep	
880-8671-2	SP1 @ 1'R	Total/NA	Solid	8015NM Prep	
MB 880-13684/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13684/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13684/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1655-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1655-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 13711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	8015 NM	
880-8671-2	SP1 @ 1'R	Total/NA	Solid	8015 NM	
880-8671-3	SP2 @ Surface	Total/NA	Solid	8015 NM	
880-8671-4	SP2 @ 1'R	Total/NA	Solid	8015 NM	
880-8671-5	SP3 @ Surface	Total/NA	Solid	8015 NM	
880-8671-6	SP3 @ 2'	Total/NA	Solid	8015 NM	

Analysis Batch: 13719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Total/NA	Solid	8015B NM	13684
880-8671-2	SP1 @ 1'R	Total/NA	Solid	8015B NM	13684
MB 880-13684/1-A	Method Blank	Total/NA	Solid	8015B NM	13684
LCS 880-13684/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13684
LCSD 880-13684/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13684
890-1655-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	13684
890-1655-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	13684

HPLC/IC

Leach Batch: 13605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Soluble	Solid	DI Leach	
880-8671-2	SP1 @ 1'R	Soluble	Solid	DI Leach	
880-8671-3	SP2 @ Surface	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 13605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-4	SP2 @ 1'R	Soluble	Solid	DI Leach	
880-8671-5	SP3 @ Surface	Soluble	Solid	DI Leach	
880-8671-6	SP3 @ 2'	Soluble	Solid	DI Leach	
MB 880-13605/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13605/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13605/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8671-1 MS	SP1 @ Surface	Soluble	Solid	DI Leach	
880-8671-1 MSD	SP1 @ Surface	Soluble	Solid	DI Leach	

Analysis Batch: 13607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8671-1	SP1 @ Surface	Soluble	Solid	300.0	13605
880-8671-2	SP1 @ 1'R	Soluble	Solid	300.0	13605
880-8671-3	SP2 @ Surface	Soluble	Solid	300.0	13605
880-8671-4	SP2 @ 1'R	Soluble	Solid	300.0	13605
880-8671-5	SP3 @ Surface	Soluble	Solid	300.0	13605
880-8671-6	SP3 @ 2'	Soluble	Solid	300.0	13605
MB 880-13605/1-A	Method Blank	Soluble	Solid	300.0	13605
LCS 880-13605/2-A	Lab Control Sample	Soluble	Solid	300.0	13605
LCSD 880-13605/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13605
880-8671-1 MS	SP1 @ Surface	Soluble	Solid	300.0	13605
880-8671-1 MSD	SP1 @ Surface	Soluble	Solid	300.0	13605

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP1 @ Surface

Lab Sample ID: 880-8671-1

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 00:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13684	12/01/21 16:23	DM	XEN MID
Total/NA	Analysis	8015B NM		5			13719	12/02/21 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		10			13607	12/01/21 13:35	CH	XEN MID

Client Sample ID: SP1 @ 1'R

Lab Sample ID: 880-8671-2

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 00:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13684	12/01/21 16:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13719	12/02/21 13:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		10			13607	12/01/21 14:09	CH	XEN MID

Client Sample ID: SP2 @ Surface

Lab Sample ID: 880-8671-3

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 01:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13637	12/01/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13588	12/01/21 20:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		10			13607	12/01/21 14:20	CH	XEN MID

Client Sample ID: SP2 @ 1'R

Lab Sample ID: 880-8671-4

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 01:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID

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Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Client Sample ID: SP2 @ 1'R

Lab Sample ID: 880-8671-4

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13637	12/01/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13588	12/01/21 20:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		5			13607	12/01/21 14:32	CH	XEN MID

Client Sample ID: SP3 @ Surface

Lab Sample ID: 880-8671-5

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 01:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13637	12/01/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13588	12/01/21 21:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		10			13607	12/01/21 14:43	CH	XEN MID

Client Sample ID: SP3 @ 2'

Lab Sample ID: 880-8671-6

Date Collected: 11/23/21 00:00

Matrix: Solid

Date Received: 11/24/21 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	13343	11/30/21 08:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13426	12/01/21 02:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13709	12/01/21 19:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			13711	12/01/21 20:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	13637	12/01/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13588	12/01/21 21:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	13605	12/01/21 09:46	CH	XEN MID
Soluble	Analysis	300.0		1			13607	12/01/21 15:17	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Jalapeno RP

Job ID: 880-8671-1
SDG: Rural Lea Co, NM

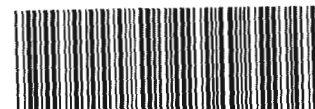
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-8671-1	SP1 @ Surface	Solid	11/23/21 00:00	11/24/21 11:19	
880-8671-2	SP1 @ 1'R	Solid	11/23/21 00:00	11/24/21 11:19	1'
880-8671-3	SP2 @ Surface	Solid	11/23/21 00:00	11/24/21 11:19	
880-8671-4	SP2 @ 1'R	Solid	11/23/21 00:00	11/24/21 11:19	1'
880-8671-5	SP3 @ Surface	Solid	11/23/21 00:00	11/24/21 11:19	
880-8671-6	SP3 @ 2'	Solid	11/23/21 00:00	11/24/21 11:19	2'



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
 Midland TX (432) 704-5440 EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1298
 Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900
 Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
 Atlanta, GA (770) 449-8800

Work



880-8671 Chain of Custody

12/2/2021

www.xenco.com Page 1 of 1

Project Manager:	Joel Lowry	Bill to: (if different)	Goodnight Midstream
Company Name:	Etech Environmental & Safety	Company Name:	
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program. UST/PST	<input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level	<input type="checkbox"/> Level <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other

Project Name		Turn Around		ANALYSIS REQUEST												Preservative Codes							
Project Number		Routine <input checked="" type="checkbox"/>														HNO3 HN							
Project Location		Rush <input type="checkbox"/>														H2SO4 H2							
Sampler's Name		Due Date														HCL HL							
PO #																None NO							
SAMPLE RECEIPT		Temp Blank		Wet Ice														NaOH Na					
Temperature (°C)		Yes No		Yes No														MeOH Me					
Received Intact:		Yes No		Thermometer														Zn Acetate+ NaOH Zn					
Cooler Custody Seals.		Yes No		Correction Factor														TAT starts the day received by the lab if received by 4 30pm					
Sample Custody Seals.		Yes No		Total Containers																			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative	Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005											Sample Comments	
SP1 @ surface		Soil	11/23/21			1	X	X	X													40	
SP1 @ 1'-R					1'	1																	
SP2 @ surface						1																	
SP2 @ 1'-R					1'	1																	
SP3 @ surface						1																	
SP3 @ 2'					2'	1																	

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 Hg

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		11-23-21 / 3:32	2		11-24-21
3			4		
5			6		

Page 25 of 26

Released to Imaging: 6/15/2022 3:22:36 PM

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-8671-1

SDG Number: Rural Lea Co, NM

Login Number: 8671

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

December 03, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO RP

Enclosed are the results of analyses for samples received by the laboratory on 11/30/21 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NH 1 @ SURFACE (H213421-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	220	110	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	232	116	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NH 1 @ 1' (H213421-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	220	110	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	232	116	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EH 1 @ SURFACE (H213421-03)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	220	110	200	1.52	
DRO >C10-C28*	10.2	10.0	12/02/2021	ND	232	116	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 128 % 44.3-133

Surrogate: 1-Chlorooctadecane 132 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EH 1 @ 1' (H213421-04)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	220	110	200	1.52		
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	232	116	200	3.37		
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND						

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 1 @ SURFACE (H213421-05)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	220	110	200	1.52	
DRO >C10-C28*	1160	10.0	12/02/2021	ND	232	116	200	3.37	
EXT DRO >C28-C36	291	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 134 % 38.9-142

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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 1 @ 1'-R (H213421-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTEX	<0.300	0.300	12/01/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	12/01/2021	ND	400	100	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	12/02/2021	ND	212	106	200	3.90	QM-07
DRO >C10-C28*	44.6	10.0	12/02/2021	ND	222	111	200	2.29	QM-07
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.4 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WH 1 @ SURFACE (H213421-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/01/2021	ND	400	100	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	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WH 1 @ 1' (H213421-08)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	400	100	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	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 2 @ SURFACE (H213421-09)

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	12/02/2021	ND	2.01	101	2.00	7.44	
Toluene*	0.432	0.050	12/02/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	2.24	0.050	12/02/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	13.9	0.150	12/02/2021	ND	6.30	105	6.00	10.6	
Total BTEx	16.5	0.300	12/02/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16200	16.0	12/01/2021	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	655	100	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	13900	100	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	2290	100	12/02/2021	ND					

Surrogate: 1-Chlorooctane 430 % 44.3-133

Surrogate: 1-Chlorooctadecane 656 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 2 @ 1' (H213421-10)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	12/01/2021	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	128	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	13.9	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 2 @ SURFACE (H213421-11)

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	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	12/01/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.8	10.0	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	1140	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	181	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 118 % 44.3-133

Surrogate: 1-Chlorooctadecane 150 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 2 @ 1'-R (H213421-12)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11900	16.0	12/01/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.2	10.0	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	1440	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	224	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 131 % 44.3-133

Surrogate: 1-Chlorooctadecane 164 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 2 @ SURFACE (H213421-13)

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	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	12/01/2021	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	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	243	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	82.6	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 126 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 2 @ 1'-R (H213421-14)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	12/01/2021	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	12/01/2021	ND	212	106	200	3.90	
DRO >C10-C28*	26.2	10.0	12/01/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 2 @ SURFACE (H213421-15)

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	12/02/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	0.217	0.150	12/02/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	12/01/2021	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
									S-04

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.6	10.0	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	1650	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	262	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 122 % 44.3-133

Surrogate: 1-Chlorooctadecane 169 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 2 @ 1'-R (H213421-16)

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	12/01/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6930	16.0	12/01/2021	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	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	696	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	112	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-133

Surrogate: 1-Chlorooctadecane 138 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 3 @ SURFACE (H213421-17)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTEx	<0.300	0.300	12/01/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	12/01/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	1440	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	243	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 124 % 44.3-133

Surrogate: 1-Chlorooctadecane 171 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 3 @ 1'-R (H213421-18)

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	12/01/2021	ND	2.01	101	2.00	7.44		
Toluene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	9.64		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	2.06	103	2.00	11.3		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.30	105	6.00	10.6		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	12/01/2021	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	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	147	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	23.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 3 @ SURFACE (H213421-19)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.30	105	6.00	10.6	
Total BTEx	<0.300	0.300	12/02/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15200	16.0	12/01/2021	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	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	140	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	20.5	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 3 @ 1'-R (H213421-20)

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	12/02/2021	ND	2.01	101	2.00	7.44	
Toluene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	9.64	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.30	105	6.00	10.6	
Total BTX	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	12/01/2021	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	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	29.1	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 132 % 44.3-133

Surrogate: 1-Chlorooctadecane 135 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 3 @ SURFACE (H213421-21)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14300	16.0	12/01/2021	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	12/02/2021	ND	212	106	200	3.90	
DRO >C10-C28*	82.4	10.0	12/02/2021	ND	222	111	200	2.29	
EXT DRO >C28-C36	17.9	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 3 @ 1'-R (H213421-22)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.0 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 3 @ SURFACE (H213421-23)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19800	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	1070	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	239	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 113 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 3 @ 1'-R (H213421-24)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15200	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	821	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	201	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 4 @ SURFACE (H213421-25)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEx	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12600	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	1390	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	332	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NDEF 4 @ 1'-R (H213421-26)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	226	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	74.6	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 4 @ SURFACE (H213421-27)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17800	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	1220	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	305	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EDEF 4 @ 1'-R (H213421-28)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8600	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	60.7	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	27.6	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 4 @ SURFACE (H213421-29)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	4.49	0.500	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	21.0	0.500	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	81.8	1.50	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTX	107	3.00	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	12/01/2021	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Surrogate: 1-Chlorooctane 304 % 44.3-133

Surrogate: 1-Chlorooctadecane 304 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SDEF 4 @ 1'-R (H213421-30)

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	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	0.186	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	0.880	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	4.06	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEX	5.12	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	12/01/2021	ND	400	100	400	3.92	QM-07	
TPH 8015M		mg/kg		Analyzed By: MS						S-06

Surrogate: 1-Chlorooctane 136 % 44.3-133

Surrogate: 1-Chlorooctadecane 265 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 4 @ SURFACE (H213421-31)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	34.8	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.7 % 38.9-142

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 11/30/2021
 Reported: 12/03/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 11/29/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WDEF 4 @ 1'-R (H213421-32)

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	12/02/2021	ND	2.06	103	2.00	5.54		
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/01/2021	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	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	53.3	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	16.3	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.1 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(1 of 4)

Company Name: <u>E-Tech Environmental</u>				BILL TO				ANALYSIS REQUEST															
Project Manager: <u>Joel Lowry</u>				P.O. #:																			
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																			
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																			
Phone #: <u>575-964-2880</u> Fax #: <u>-</u>				Address:																			
Project #: <u>15251</u> Project Owner: <u>Goodnight Mktg</u>				City:																			
Project Name: <u>Jalapeño RP</u>				State: Zip:																			
Project Location: <u>Rural Lea Co, NM</u>				Phone #:																			
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(GRAB OR (COMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING		Chlorides		BTEX		TPH							
<u>H213421</u>						GROUNDWATER																	
<u>1 NH1 @ surface</u>				<u>9</u>		<u>X</u>		<u>X</u>		<u>11/24/21</u>		<u>X</u>		<u>X</u>		<u>X</u>							
<u>2 NH1 @ 1'</u>																							
<u>3 EH1 @ surface</u>																							
<u>4 EH1 @ 1'</u>																							
<u>5 SDEF1 @ surface</u>																							
<u>6 SDEF1 @ 1'-12</u>																							
<u>7 WH1 @ surface</u>																							
<u>8 WH1 @ 1'</u>																							
<u>9 NDEF2 @ surface</u>																							
<u>10 NDEF2 @ 1'</u>																							

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Relinquished By: <u>[Signature]</u>		Date: <u>11-30-21</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1300</u>		Time: <u>1300</u>		All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:						<u>Pm@etechenv.com</u>	
Delivered By: (Circle One)		Observed Temp. °C <u>5.8</u>		Sample Condition		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>5.3</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) <u>TS</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
						Thermometer ID #113	
						Correction Factor <u>None</u> <u>-0.5°C</u>	
						Observed Temp. °C	
						Corrected Temp. °C	

FORM-006 R 3.1 06/04/20

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(2 of 4)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETech Environmental</u>				BILL TO				ANALYSIS REQUEST													
Project Manager: <u>Joel Lowry</u>				P.O. #:																	
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																	
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																	
Phone #: <u>575-964-2820</u> Fax #: <u>-</u>				Address:																	
Project #: <u>15251</u> Project Owner: <u>Goodnight Andst</u>				City:																	
Project Name: <u>Jalapeno RP</u>				State: Zip:																	
Project Location: <u>Rural Lea co, NM</u>				Phone #:																	
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chlorides	BTEX	TPH				
<u>H213421</u>	<u>11 EDEF 2 @ surface</u>	<u>G</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>11/29/21</u>		<u>X</u>	<u>X</u>	<u>X</u>				
	<u>12 EDEF 2 @ 1'-R</u>																				
	<u>13 SDEF 2 @ surface</u>																				
	<u>14 SDEF 2 @ 1'-R</u>																				
	<u>15 WDEF 2 @ surface</u>																				
	<u>16 WDEF 2 @ 1'-R</u>																				
	<u>17 NDEF 3 @ surface</u>																				
	<u>18 NDEF 3 @ 1'-R</u>																				
	<u>19 EDEF 3 @ surface</u>																				
	<u>20 EDEF 3 @ 1'-R</u>																				

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Relinquished By: <u>[Signature]</u>	Date: <u>11-30-21</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>11:00</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>RM@etechenv.com</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>5.8</u>	Sample Condition Cool <u>Intact</u>	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>
Sampler - UPS - Bus - Other: <u>C</u>	Corrected Temp. °C <u>5.3</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition Cool <u>Intact</u> Observed Temp. °C
		CHECKED BY: (Initials) <u>V.P.</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
		Thermometer ID #113	<input type="checkbox"/> Yes <input type="checkbox"/> No
		Correction Factor <u>None</u>	<input type="checkbox"/> No <input type="checkbox"/> No
			Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(3 of 4)

Company Name: <u>E Tech Environmental</u>		BILL TO		ANALYSIS REQUEST																		
Project Manager: <u>Joel Lowry</u>		P.O. #:																				
Address: <u>2617 Marland</u>		Company: <u>Goodnight</u>																				
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																				
Phone #: <u>575-964-2880</u> Fax #: <u>-</u>		Address:																				
Project #: <u>15251</u> Project Owner: <u>Goodnight</u>		City:																				
Project Name: <u>Jalapeno RP</u>		State: Zip:																				
Project Location: <u>Burial Lea Co, NM</u>		Phone #:																				
Sampler Name: <u>Miguel Ramirez</u>		Fax #:																				
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME								
<u>H213421</u>																						
<u>21</u>	<u>SDEF 3 @ surface</u>	<u>9</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>11/24/21</u>		<u>X</u>	<u>X</u>	<u>X</u>					
<u>22</u>	<u>SDEF 3 @ 1'-R</u>																					
<u>23</u>	<u>WDEF 3 @ surface</u>																					
<u>24</u>	<u>WDEF 3 @ 1'-R</u>																					
<u>25</u>	<u>NDEF 4 @ surface</u>																					
<u>26</u>	<u>NDEF 4 @ 1'-R</u>																					
<u>27</u>	<u>EDEF 4 @ surface</u>																					
<u>28</u>	<u>EDEF 4 @ 1'-R</u>																					
<u>29</u>	<u>SDEF 4 @ surface</u>																					
<u>30</u>	<u>SDEF 4 @ 1'-R</u>																					

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Relinquished By: <u>[Signature]</u>	Date: <u>11-30-21</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: <u>1700</u>	Time: <u>1700</u>		All Results are emailed: Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>PM@etecnenv.com</u>
Time:			
Delivered By: (Circle One)	Observed Temp. °C: <u>5.8</u>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <u>5.3</u>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>
			Observed Temp. °C: <u>-0.50</u>
			Corrected Temp. °C:
			Thermometer ID #113
			Correction Factor: <u>None</u>

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(4 of 4)

Company Name: <u>Etech Environmental</u>				BILL TO				ANALYSIS REQUEST																	
Project Manager: <u>Joel Perry</u>				P.O. #:																					
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																					
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																					
Phone #: <u>575-964-2820</u> Fax #:				Address:																					
Project #: <u>15251</u> Project Owner: <u>Goodnight</u>				City:																					
Project Name: <u>Talapeño KP</u>				State: Zip:																					
Project Location: <u>Pitts Co, NM</u>				Phone #:																					
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																					
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING															
Lab I.D.	Sample I.D.	(GIRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
<u>H213421</u>																									
	<u>31 WDEFY @ Surface</u>	<u>G</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>11/29/21</u>		<u>X</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH</u>							
	<u>32 WDEFY @ 1'-R</u>	<u>G</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>✓</u>		<u>X</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>11-30-21</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>1700</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>Phu @ etechenv.com</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>5.8</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>5.3</u>	CHECKED BY: (Initials) <u>VO</u>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID #113 Correction Factor <u>-0.5°C</u>

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

December 08, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO RP

Enclosed are the results of analyses for samples received by the laboratory on 12/03/21 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2021	Sampling Date:	12/03/2021
Reported:	12/08/2021	Sampling Type:	Soil
Project Name:	JALAPENO RP	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: SW 1 (H213492-01)

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	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTX	<0.300	0.300	12/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 2' (H213492-02)

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	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 3' (H213492-03)

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	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTX	<0.300	0.300	12/06/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.1 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 1 @ 6" (H213492-04)

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	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 2 @ 6" (H213492-05)

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	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTEX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.1 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 3 @ 6" (H213492-06)

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	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTX	<0.300	0.300	12/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 73.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 4 @ 6" (H213492-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTEX	<0.300	0.300	12/06/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 70.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.0 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 5 @ 6" (H213492-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTEX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.9 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 6 @ 6" (H213492-09)

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	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTEx	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.3 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 7 @ 6" (H213492-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0		
Total BTEX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
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 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 8 @ 6" (H213492-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/07/2021	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	20.2	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 9 @ 6" (H213492-12)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.7	2.00	11.7	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.6	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.53	76.5	2.00	14.1	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.70	78.3	6.00	13.4	
Total BTEX	<0.300	0.300	12/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	185	92.5	200	5.06	
DRO >C10-C28*	45.4	10.0	12/06/2021	ND	180	89.8	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.7 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 10 @ 6" (H213492-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	16.9	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 11 @ 6" (H213492-14)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 12 @ 6" (H213492-15)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 13 @ 6" (H213492-16)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEx	<0.300	0.300	12/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 14 @ 6" (H213492-17)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 15 @ 6" (H213492-18)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEx	<0.300	0.300	12/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.8 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 16 @ 6" (H213492-19)

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	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTX	<0.300	0.300	12/07/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 17 @ 6" (H213492-20)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/07/2021	ND	400	100	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	12/06/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/03/2021
 Reported: 12/08/2021
 Project Name: JALAPENO RP
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 2' (H213492-21)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2021	ND	1.61	80.7	2.00	11.7		
Toluene*	<0.050	0.050	12/07/2021	ND	1.55	77.6	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	14.1		
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.70	78.3	6.00	13.4		
Total BTEX	<0.300	0.300	12/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	12/07/2021	ND	400	100	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	12/07/2021	ND	221	110	200	1.47	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	219	110	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 24 of 26

Company Name: <u>Etech Environmental</u>				BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Joel Lowry</u>				P.O. #:																									
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																									
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																									
Phone #: <u>575-964-2880</u> Fax #: <u>-</u>				Address:																									
Project #: <u>15251</u> Project Owner: <u>Goodnight</u>				City:																									
Project Name: <u>Jalapeno RP</u>				State: Zip:																									
Project Location: <u>Rural Lea Co. NM</u>				Phone #:																									
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		Chlorides	STEX	TPH																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME															
<u>H213492</u>						X					X		<u>12-3-21</u>		X	X	X												
1 SW1																													
2 SP1 @ 2'																													
3 SP2 @ 3'																													
4 FL1 @ 6"																													
5 FL2 @ 6"																													
6 FL3 @ 6"																													
7 FL4 @ 6"																													
8 FL5 @ 6"																													
9 FL6 @ 6"																													
10 FL7 @ 6"																													

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Relinquished By: <u>[Signature]</u>	Date: <u>12-3-21</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>1540</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>PM @ etchen.v.com</u> <u>Brought straight to lab from field</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>26.9</u>	Sample Condition	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>26.4</u>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition
		Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C
		CHECKED BY: <u>[Signature]</u>	Thermometer ID #113
			Correction Factor -0.5°C

FORM-006 R 3.2 10/07/11

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 25 of 26

Company Name: <u>E-Tech Environmental</u>				BILL TO				ANALYSIS REQUEST												
Project Manager: <u>Jack Lowry</u>				P.O. #:																
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																
Phone #: <u>575-964-2880</u> Fax #: <u>-</u>				Address:																
Project #: <u>15251</u> Project Owner: <u>Goodnight</u>				City:																
Project Name: <u>Jalapeno RP</u>				State: Zip:																
Project Location: <u>Rural Lea Co, NM</u>				Phone #:																
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		<u>Chloride</u> <u>BTEX</u> <u>TPH</u>									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							ICE / COOL	OTHER :	DATE	TIME
<u>H213492</u>																				
<u>11</u>	<u>FL8@6"</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>							<u>X</u>	<u>X</u>		
<u>12</u>	<u>FL9@6"</u>																			
<u>13</u>	<u>FL10@6"</u>																			
<u>14</u>	<u>FL11@6"</u>																			
<u>15</u>	<u>FL12@6"</u>																			
<u>16</u>	<u>FL13@6"</u>																			
<u>17</u>	<u>FL14@6"</u>																			
<u>18</u>	<u>FL15@6"</u>																			
<u>19</u>	<u>FL16@6"</u>																			
<u>20</u>	<u>FL17@6"</u>																			

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Relinquished By: <u>[Signature]</u>	Date: <u>12-3-21</u> Time: <u>1540</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Time:			REMARKS: <u>Plm@etechenv.com</u>
Delivered By: (Circle One)	Observed Temp. °C <u>26.9</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>26.4</u>	CHECKED BY: (Initials) <u>Y.O.</u>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
FORM-006 R 3.2 10/07/21		Thermometer ID #113 Correction Factor -0.0°C	Observed Temp. °C Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Etech Environmental</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Joel Lowry</u>				P.O. #:																							
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																							
Phone #: <u>(505) 575-9642</u> Fax #: <u>-</u>				Address:																							
Project #: <u>15251</u> Project Owner: <u>Goodnight</u>				City:																							
Project Name: <u>Talapeno RP</u>				State: Zip:																							
Project Location: <u>Rural Lea Co, NM</u>				Phone #:																							
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(GRAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<u>H213492</u>	<u>21 SP4 @ 2'</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>12-3-21</u>		<u>Chlorides</u>	<u>BTEX</u>	<u>TPH</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>12-3-21</u> Time: <u>1540</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
All Results are emailed. Please provide Email address:			
Relinquished By:	Date:	Received By:	REMARKS: <u>Pm @ etechenv.com</u>
Time:			
Delivered By: (Circle One)	Observed Temp. °C <u>26.9</u>	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	CHECKED BY: (Initials) <u>J.O.</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>26.4</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
			Thermometer ID #113 Correction Factor -0.5°C
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-000 R 3.2 10/07/21

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

December 09, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: GOODNIGHT JALAPENO RP #15251

Enclosed are the results of analyses for samples received by the laboratory on 12/07/21 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/07/2021	Sampling Date:	12/07/2021
Reported:	12/09/2021	Sampling Type:	Soil
Project Name:	GOODNIGHT JALAPENO RP #15251	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL # 23 @ 2' (H213528-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18		
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768		
Total BTEX	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	11.6	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/07/2021
 Reported: 12/09/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 24 @ 2' (H213528-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18		
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768		
Total BTEx	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/07/2021
 Reported: 12/09/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 25 @ 2' (H213528-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18		
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768		
Total BTEx	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	13.8	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/07/2021
 Reported: 12/09/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 28 @ 2' (H213528-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18	
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768	
Total BTX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	23.4	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/07/2021
 Reported: 12/09/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 29 @ 2' (H213528-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18	
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768	
Total BTX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	20.7	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/07/2021
 Reported: 12/09/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 30 @ 2' (H213528-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2021	ND	1.91	95.4	2.00	2.18		
Toluene*	<0.050	0.050	12/09/2021	ND	1.97	98.5	2.00	0.267		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.97	98.7	2.00	0.560		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.01	100	6.00	0.768		
Total BTEx	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/08/2021	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	12/08/2021	ND	222	111	200	1.10	
DRO >C10-C28*	31.4	10.0	12/08/2021	ND	209	105	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Caley D. Keene, Lab Director/Quality Manager

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

Page 9 of 9

Released to Imaging: 6/15/2022 3:22:36 PM



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

December 15, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: GOODNIGHT JALAPENO RP #15251

Enclosed are the results of analyses for samples received by the laboratory on 12/10/21 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2021	Sampling Date:	12/08/2021
Reported:	12/15/2021	Sampling Type:	Soil
Project Name:	GOODNIGHT JALAPENO RP #15251	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL # 18 @ 4' (H213569-01)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTEx	<0.300	0.300	12/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/13/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 19 @ 4' (H213569-02)

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	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTX	<0.300	0.300	12/13/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/13/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 20 @ 4' (H213569-03)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19	
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03	
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94	
Total BTEX	<0.300	0.300	12/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	18.9	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.2 % 38.9-142

Cardinal Laboratories

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 21 @ 3' (H213569-04)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTEx	<0.300	0.300	12/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	18.5	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/08/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 22 @ 3' (H213569-05)

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	12/13/2021	ND	2.04	102	2.00	2.19	
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03	
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94	
Total BTX	<0.300	0.300	12/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 33 @ 4' (H213569-06)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19	
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03	
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94	
Total BTEX	<0.300	0.300	12/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	27.1	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	17.8	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2021
 Reported: 12/15/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/10/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 34 @ 4' (H213569-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTEx	<0.300	0.300	12/13/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	47.4	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	33.3	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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. #:				Chloride	TPH (8015M)	BTEX (8021B)																									
Address: P.O. Box 301				Company: Goodnight Midstream																															
City: Lovington		State: NM		Zip: 88260		Attn: Albert Ochoa																													
Phone #: (575) 396-2378		Fax #: (575) 396-1429		Address:																															
Project #:		Project Owner:		City:																															
Project Name: Goodnight Jalapeño RP#15251				State:		Zip:																													
Project Location:				Phone #:																															
Sampler Name: Aaron Rios				Fax #:																															
R LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	#	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																		
H213569																																			
1	FL# 18@4'	C	X			X							X			12-8-21		X	X	X															
2	FL# 19@4'		X			X							X			12-8-21		X	X	X															
3	FL# 20@4'		X			X							X			12-8-21		X	X	X															
4	FL# 21@3'		X			X							X			12-8-21		X	X	X															
5	FL# 22@3'		X			X							X			12-8-21		X	X	X															
6	FL# 33@4'		1													12-10-21		X	X	X															
7	FL# 34@4'		1													12-10-21		X	X	X															

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Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
Aaron Rios	12-10-21	Jamara Qldak	Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
	Time:					
	Time:					

Delivered By: (Circle One) 5.0% C-0.5%

Sampler - UPS - Bus - Other: 4.5% #113

Sample Condition

Cool Intact

☒ Yes ☐ No ☐ Yes ☐ No

CHECKED BY: (Initials)

JO

Please email results to pm@etechenv.com.



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

December 22, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: GOODNIGHT JALAPENO RP #15251

Enclosed are the results of analyses for samples received by the laboratory on 12/20/21 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/20/2021	Sampling Date:	12/20/2021
Reported:	12/22/2021	Sampling Type:	Soil
Project Name:	GOODNIGHT JALAPENO RP #15251	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL # 34 @ 6' (H213670-01)

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	12/21/2021	ND	1.97	98.5	2.00	6.63	
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66	
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52	
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72	
Total BTX	<0.300	0.300	12/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 103 % 62-130

Surrogate: 1-Chlorooctadecane 99.1 % 54.5-135

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 35 @ 1' (H213670-02)

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	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTX	<0.300	0.300	12/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 105 % 62-130

Surrogate: 1-Chlorooctadecane 102 % 54.5-135

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 36 @ 1' (H213670-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTEX	<0.300	0.300	12/21/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 112 % 62-130

Surrogate: 1-Chlorooctadecane 107 % 54.5-135

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 37 @ 5' (H213670-04)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTEX	<0.300	0.300	12/21/2021	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45		
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05		
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND						

Surrogate: 1-Chlorooctane 113 % 62-130

Surrogate: 1-Chlorooctadecane 108 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 38 @ 2' (H213670-05)

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	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTX	<0.300	0.300	12/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 114 % 62-130

Surrogate: 1-Chlorooctadecane 110 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 39 @ 1' (H213670-06)

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	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTX	<0.300	0.300	12/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 109 % 62-130

Surrogate: 1-Chlorooctadecane 105 % 54.5-135

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/20/2021
 Reported: 12/22/2021
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: NONE GIVEN
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 40 @ 6" (H213670-07)

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	12/21/2021	ND	1.97	98.5	2.00	6.63		
Toluene*	<0.050	0.050	12/21/2021	ND	1.91	95.7	2.00	6.66		
Ethylbenzene*	<0.050	0.050	12/21/2021	ND	1.87	93.7	2.00	6.52		
Total Xylenes*	<0.150	0.150	12/21/2021	ND	5.73	95.5	6.00	6.72		
Total BTX	<0.300	0.300	12/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/21/2021	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	12/21/2021	ND	210	105	200	4.45	
DRO >C10-C28*	<10.0	10.0	12/21/2021	ND	238	119	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2021	ND					

Surrogate: 1-Chlorooctane 111 % 62-130

Surrogate: 1-Chlorooctadecane 106 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Mariland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 10 of 10

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																																																																																																																																																													
Project Manager: <i>Joel Corty</i>				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: <i>Goodnight midstream</i>																																																																																																																																																																																	
City: <i>Levington Hobbs</i> State: NM Zip: 88260				Attn: <i>Albert Ochoa</i>																																																																																																																																																																																	
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																																																																																																																																																																																	
Project #: Project Owner:				City:																																																																																																																																																																																	
Project Name: <i>Goodnight Jalapeño RP #15251</i>				State: Zip:																																																																																																																																																																																	
Project Location:				Phone #:																																																																																																																																																																																	
Sampler Name: <i>Ana Rias</i>				Fax #:																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th colspan="2">LAB USE ONLY</th> <th rowspan="2">GRAB OR (C)OMP</th> <th rowspan="2"># CONTAINERS</th> <th colspan="5">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>Lab I.D.</th> <th>Sample I.D.</th> <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><i>H213670</i></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></td> <td><i>1 FL# 34. @ 6'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>2 FL# 35. @ 1'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>3 FL# 36. @ 1'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>4 FL# 37. @ 5'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>5 FL# 38. @ 2'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>6 FL# 39. @ 1'</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>7 FL# 40. @ 6 inches</i></td> <td></td> <td><i>X</i></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td><i>12-20-21</i></td> <td></td> <td></td> </tr> </tbody> </table>																LAB USE ONLY		GRAB OR (C)OMP	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	Lab I.D.	Sample I.D.	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	<i>H213670</i>																	<i>1 FL# 34. @ 6'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>2 FL# 35. @ 1'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>3 FL# 36. @ 1'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>4 FL# 37. @ 5'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>5 FL# 38. @ 2'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>6 FL# 39. @ 1'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>				<i>7 FL# 40. @ 6 inches</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>														
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	<i>3 FL# 36. @ 1'</i>		<i>X</i>		<i>X</i>				<i>X</i>				<i>12-20-21</i>																																																																																																																																																																								
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Relinquished By: <i>[Signature]</i>				Date: <i>12-20-21</i>				Received By: <i>[Signature]</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																																																																																																																																																																					
Relinquished By:				Time: <i>1620</i>				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																																																																																																																																																																					
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Delivered By: (Circle One) <i>-8.8°C -0.5°C</i>				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.																																																																																																																																																																									
<i>Sample</i> - UPS - Bus - Other: <i>-9.3°C #113</i>				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<i>[Signature]</i>																																																																																																																																																																													

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

January 04, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: GOODNIGHT JALAPENO RP #15251

Enclosed are the results of analyses for samples received by the laboratory on 12/28/21 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/28/2021	Sampling Date:	12/27/2021
Reported:	01/04/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT JALAPENO RP #15251	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL # 42 @ 3' (H213729-01)

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	12/29/2021	ND	2.00	99.8	2.00	6.64	
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15	
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11	
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53	
Total BTX	<0.300	0.300	12/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 43 @ 3' (H213729-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEX	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.2 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 44 @ 3' (H213729-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEx	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 45 @ 3' (H213729-04)

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	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTX	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 46 @ 3' (H213729-05)

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	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEx	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 47 @ 3' (H213729-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEx	<0.300	0.300	12/29/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 48 @ 3' (H213729-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEx	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 69.7 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 49 @ 2' (H213729-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEX	<0.300	0.300	12/29/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.2 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 50 @ 3' (H213729-09)

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	12/29/2021	ND	2.00	99.8	2.00	6.64	
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15	
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11	
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53	
Total BTX	<0.300	0.300	12/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL # 51 @ 3' (H213729-10)

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	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTX	<0.300	0.300	12/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.6 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW #1 (H213729-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2021	ND	2.00	99.8	2.00	6.64		
Toluene*	<0.050	0.050	12/29/2021	ND	1.92	95.8	2.00	7.15		
Ethylbenzene*	<0.050	0.050	12/29/2021	ND	1.85	92.6	2.00	7.11		
Total Xylenes*	<0.150	0.150	12/29/2021	ND	5.65	94.1	6.00	6.53		
Total BTEX	<0.300	0.300	12/29/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW #1 (H213729-12)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.19	109	2.00	2.73		
Toluene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	2.68		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.06	103	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.32	105	6.00	3.22		
Total BTEx	<0.300	0.300	12/30/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW #1 (H213729-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.19	109	2.00	2.73		
Toluene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	2.68		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.06	103	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.32	105	6.00	3.22		
Total BTEx	<0.300	0.300	12/30/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 71.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.2 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: ESW #2 (H213729-14)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.19	109	2.00	2.73		
Toluene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	2.68		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.06	103	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.32	105	6.00	3.22		
Total BTEx	<0.300	0.300	12/30/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 76.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.8 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW #3 (H213729-15)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.19	109	2.00	2.73		
Toluene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	2.68		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.06	103	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.32	105	6.00	3.22		
Total BTEx	<0.300	0.300	12/30/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.0 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/28/2021
 Reported: 01/04/2022
 Project Name: GOODNIGHT JALAPENO RP #15251
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW #1 (H213729-16)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.11	106	2.00	1.94		
Toluene*	<0.050	0.050	12/30/2021	ND	1.99	99.4	2.00	1.40		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.99	99.3	2.00	2.23		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.18	103	6.00	2.22		
Total BTEx	<0.300	0.300	12/30/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/29/2021	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	12/29/2021	ND	197	98.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	12/29/2021	ND	202	101	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	12/29/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.8 % 59.5-142

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Mike Snyder For 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 "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

**• ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Joel Lowry				P.O. #:				Chloride TPH (8015M) BTEX (8021B)											
Address: P.O. Box 301				Company: Goodnight midstream															
City: Lovington Hobbs State: NM Zip: 88260				Attn: Albert Ochoa															
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:															
Project #: 15257 Project Owner: Goodnight				City:															
Project Name: Goodnight, LaLapa RD #15251				State: Zip:															
Project Location: Rural Lea Co, NM				Phone #:															
Sampler Name: Aaron Rios				Fax #:															
R LAB USE ONLY				MATRIX				PRESERV.				SAMPLING							
Lab I.D. Sample I.D.				(G/RAB OR (C)OMP. # CONTAINERS				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER:				DATE TIME							
H213729																			
1 FL # 42 @ 3'				X				X				12-27-21							
2 FL # 43 @ 3'				X				X				12-27-21							
3 FL # 44 @ 3'				X				X				12-27-21							
4 FL # 45 @ 3'				X				X				12-27-21							
5 FL # 46 @ 3'				X				X				12-27-21							
6 FL # 47 @ 3'				X				X				12-27-21							
7 FL # 48 @ 3'				X				X				12-27-21							
8 FL # 49 @ 2'				X				X				12-27-21							
9 FL # 50 @ 3'				X				X				12-27-21							
10 FL # 51 @ 3'				X				X				12-27-21							
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Relinquished By: Aaron Rios				Date: 12-28-21 Time: 1540				Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:							
Relinquished By:				Date: 12-28-21 Time: 1540				Received By: [Signature]				REMARKS:							
Delivered By: (Circle One) UPS - Bus - Other: 5.4c C-0.5c 4.9c #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) TO.				Please email results to pm@etechenv.com.							

FORM-006

Revision 1.0

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

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: Goodnight midstream																							
City: Livingston, NM 88260				Attn: Albert Ochoa																							
Phone #: (575) 396-2378				Address:																							
Project #: 15251				City:																							
Project Name: Goodnight Jalapeño RPA15251				State: Zip:																							
Project Location: Rural Lea co, NM				Phone #:																							
Sampler Name: Aaron K's				Fax #:																							
R LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.				MATRIX				PRESERV.		SAMPLING													
				# CONTAINERS				GROUNDWATER																			
								WASTEWATER																			
								SOIL																			
								OIL																			
								SLUDGE																			
								OTHER:																			
								ACID/BASE																			
								ICE / COOL																			
								OTHER:																			
												DATE		TIME													
H213729																											
11 NW#1				X				X				X		12-27-21		X X X											
12 WW#1				X				X				X		12-27-21		X X X											
13 EW#1				X				X				X		12-27-21		X X X											
14 ES#2				X				X				X		12-27-21		X X X											
15 WW3				X				X				X		12-28-21		X X X											
16 SW1				X				X				X		12-28-21		X X X											
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Relinquished By: [Signature]				Date: 12-28-21				Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:											
Relinquished By:				Time: 1540				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:											
Delivered By: (Circle One) 5.4c C-0.5c				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.															
Sampler - UPS - Bus - Other: 4.9c #113				Cool Intact				(Initials)																			

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

January 06, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/04/22 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 31 @ 1' (H220030-01)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTX	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.1 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 32 @ 1' (H220030-02)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 52 @ 3' (H220030-03)

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	01/05/2022	ND	2.09	105	2.00	1.87	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85	
Total BTX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 66.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 66.8 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 53 @ 3' (H220030-04)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 54 @ 3' (H220030-05)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 55 @ 3' (H220030-06)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.0 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 56 @ 2' (H220030-07)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 57 @ 2' (H220030-08)

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	01/05/2022	ND	2.09	105	2.00	1.87	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85	
Total BTEx	<0.300	0.300	01/05/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 58 @ 2' (H220030-09)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTX	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: WW 4 (H220030-10)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 59 @ 4' (H220030-11)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 60 @ 2' (H220030-12)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/04/2022
 Reported: 01/06/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 61 @ 4' (H220030-13)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.8 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/04/2022	Sampling Date:	01/04/2022
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	** (See Notes)
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 62 @ 1' (H220030-14)

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	01/05/2022	ND	2.09	105	2.00	1.87		
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	2.00	99.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	01/05/2022	ND	6.22	104	6.00	1.85		
Total BTEx	<0.300	0.300	01/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/05/2022	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	01/05/2022	ND	218	109	200	4.35	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	210	105	200	0.480	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.0 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

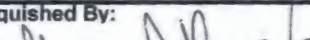





101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 1-4-22	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____
Time: 1610				All Results are emailed. Please provide Email address: _____
Relinquished By:	Date:	Received By:	REMARKS: 	
	Time:			
Delivered By: (Circle One)	Observed Temp. °C 23.4	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) 	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C 22.9	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrected Temp. °C
			Thermometer ID #113 Correction Factor -0.5°C	

FORM-008 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 11, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/06/22 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/05/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FS 63 @ 1' (H220061-01)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/05/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FS 64 @ 1' (H220061-02)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/05/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FS 65 @ 1' (H220061-03)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 66 @ 1' (H220061-04)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 67 @ 1' (H220061-05)

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	01/07/2022	ND	1.95	97.7	2.00	7.74	
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61	
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45	
Total BTX	<0.300	0.300	01/07/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 68 @ 1' (H220061-06)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 69 @ 2' (H220061-07)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTEx	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/07/2022	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	01/07/2022	ND	215	108	200	1.15	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	196	98.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 70 @ 2' (H220061-08)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 71 @ 2' (H220061-09)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 72 @ 2' (H220061-10)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 73 @ 2' (H220061-11)

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	01/07/2022	ND	1.95	97.7	2.00	7.74	
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61	
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45	
Total BTEX	<0.300	0.300	01/07/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 74 @ 2' (H220061-12)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FS 75 @ 3' (H220061-13)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTEx	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	42.3	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FS 76 @ 3' (H220061-14)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: WW 5 (H220061-15)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/06/2022
 Reported: 01/11/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 6 (H220061-16)

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	01/07/2022	ND	1.95	97.7	2.00	7.74		
Toluene*	<0.050	0.050	01/07/2022	ND	1.90	95.1	2.00	7.61		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.83	91.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.59	93.1	6.00	7.45		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: WW 7 (H220061-17)

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	01/07/2022	ND	1.97	98.7	2.00	6.97		
Toluene*	<0.050	0.050	01/07/2022	ND	1.86	92.9	2.00	7.21		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.86	92.8	2.00	7.27		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.76	96.1	6.00	7.30		
Total BTX	<0.300	0.300	01/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: NW 2 (H220061-18)

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	01/07/2022	ND	1.97	98.7	2.00	6.97		
Toluene*	<0.050	0.050	01/07/2022	ND	1.86	92.9	2.00	7.21		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.86	92.8	2.00	7.27		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.76	96.1	6.00	7.30		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: SW 3 (H220061-19)

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	01/07/2022	ND	1.97	98.7	2.00	6.97		
Toluene*	<0.050	0.050	01/07/2022	ND	1.86	92.9	2.00	7.21		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.86	92.8	2.00	7.27		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.76	96.1	6.00	7.30		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181		
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985		
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND						

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/06/2022	Sampling Date:	01/06/2022
Reported:	01/11/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: SW 2 (H220061-20)

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	01/07/2022	ND	1.97	98.7	2.00	6.97		
Toluene*	<0.050	0.050	01/07/2022	ND	1.86	92.9	2.00	7.21		
Ethylbenzene*	<0.050	0.050	01/07/2022	ND	1.86	92.8	2.00	7.27		
Total Xylenes*	<0.150	0.150	01/07/2022	ND	5.76	96.1	6.00	7.30		
Total BTX	<0.300	0.300	01/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/07/2022	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	01/07/2022	ND	193	96.4	200	0.181	
DRO >C10-C28*	<10.0	10.0	01/07/2022	ND	187	93.4	200	0.985	
EXT DRO >C28-C36	<10.0	10.0	01/07/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Joel Lowry Project Manager: E Tech Environmental Address: 2617 Marland City: Hobbs State: NM Zip: Phone #: 575-964-2001 Fax #: Project #: Project Owner: Goodnight Project Name: Rural Lea Co, nm Project Location: Jalapito Sampler Name: Miguel Ramirez				BILL TO P.O. #: Company: Goodnight Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																					
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															
H220061	FL 63 @ 1'	C	1			X					X		1-5-22		Chlorides	BTEX	TPH												
2	FL 64 @ 1'																												
3	FL 65 @ 1'																												
4	FL 66 @ 1'																												
5	FL 67 @ 1'																												
6	FL 68 @ 1'																												
7	FL 69 @ 2'																												
8	FL 70 @ 2'																												
9	FL 71 @ 2'																												
10	FL 72 @ 2'												1-6-22																

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Relinquished By: Date: 1-6-22 Time: 1555 Relinquished By:		Received By: Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 4.1 Corrected Temp. °C 3.6		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush		Thermometer ID #113 Correction Factor None -0.52		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.1 08/04/20

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnmf.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETech Environmental</u>				BILL TO				ANALYSIS REQUEST													
Project Manager: <u>Joel Lowry</u>				P.O. #:																	
Address: <u>2617 Marland</u>				Company: <u>Goodnight</u>																	
City: <u>Hobbs</u>		State: <u>Zip: 88240</u>		Attn:																	
Phone #: <u>575-964-2001</u>		Fax #:		Address:																	
Project #:		Project Owner: <u>Goodnight</u>		City:																	
Project Name: <u>Jalisco</u>				State: Zip:																	
Project Location: <u>Rural Lee co, NM</u>				Phone #:																	
Sampler Name: <u>Miguel Ramirez</u>				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.		Sample I.D.		MATRIX		PRESERV.		SAMPLING													
<u>H22006d</u>																					
<u>11 FL 73 @ 2'</u>		<u>CL</u>		<u>X</u>		<u>X</u>		<u>1-6-22</u>		<u>Chlorides</u>											
<u>12 FL 74 @ 2'</u>										<u>BTEX</u>											
<u>13 FL 75 @ 3'</u>										<u>TPH</u>											
<u>14 FL 76 @ 3'</u>																					
<u>15 WW5</u>																					
<u>16 WW6</u>																					
<u>17 WW7</u>																					
<u>18 NW2</u>																					
<u>19 SW3</u>																					
<u>20 SW2</u>																					

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Relinquished By: <u>[Signature]</u>		Date: <u>1-6-22</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1555</u>		Date: <u>1-6-22</u>		Received By: <u>[Signature]</u>		All Results are emailed. Please provide Email address:	
Time:						REMARKS: <u>PM @ etech env</u>	
Delivered By: (Circle One)		Observed Temp. °C <u>4.1</u>		Sample Condition		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>36</u>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>	
				CHECKED BY: (Initials) <u>JO</u>		Thermometer ID #113 Correction Factor <u>None</u> <u>-0.52</u>	
						Corrected Temp. °C	

FORM-000 R 3.1 06/04/20

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

January 12, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/11/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 77 @ 1' (H220113-01)

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	01/12/2022	ND	2.12	106	2.00	1.65	
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05	
Total BTEX	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/12/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

Cardinal Laboratories

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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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 78 @ 1' (H220113-02)

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	01/12/2022	ND	2.12	106	2.00	1.65		
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/12/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 79 @ 1' (H220113-03)

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	01/12/2022	ND	2.12	106	2.00	1.65	
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05	
Total BTEx	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.1 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 80 @ 1' (H220113-04)

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	01/12/2022	ND	2.12	106	2.00	1.65		
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 81 @ 1' (H220113-05)

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	01/12/2022	ND	2.12	106	2.00	1.65		
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 82 @ 1' (H220113-06)

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	01/12/2022	ND	2.12	106	2.00	1.65		
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.5 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 4 (H220113-07)

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	01/12/2022	ND	2.12	106	2.00	1.65		
Toluene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.46		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.00	100	2.00	2.35		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.24	104	6.00	2.05		
Total BTEX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: EW 5 (H220113-08)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 4 (H220113-09)

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	01/12/2022	ND	2.18	109	2.00	0.476	
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27	
Total BTEX	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: WW 9 (H220113-10)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTX	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: WW 2 (H220113-11)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 85 @ 1' (H220113-12)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEX	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 83 @ 2' (H220113-13)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/11/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: EW 3 (H220113-14)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/12/2022	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	01/12/2022	ND	240	120	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	215	108	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 8 (H220113-15)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: N DEF 3 @ 3' (H220113-16)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W DEF 4 @ 3' (H220113-17)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTX	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 20 of 21

Company Name: ETECH Environmental				BILL TO				ANALYSIS REQUEST																																	
Project Manager: Joel Lowry				P.O. #:																																					
Address: 2617 Marland				Company: Goodnight																																					
City: Hobbs State: NM Zip: 88240				Attn:																																					
Phone #: 575-964-2880 Fax #: -				Address:																																					
Project #: 15251 Project Owner: Goodnight				City:																																					
Project Name: Jalapeno				State: Zip:																																					
Project Location: Rural Lea Co, NM				Phone #:																																					
Sampler Name: Miguel Ramirez				Fax #:																																					
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE		ICE / COOL		OTHER:		DATE		TIME		Chlorides											
H220113																														BTX TPH											
1 FL 77 @ 1'												X								X						1/10/22				X X X											
2 FL 78 @ 1'																																									
3 FL 79 @ 1'																																									
4 FL 80 @ 1'																																									
5 FL 81 @ 1'																																									
6 FL 82 @ 1'																																									
7 EW 4																																									
8 EW 5																																									
9 SW 4																																									
10 WW 9																																									
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Relinquished By: [Signature]										Date: 1-11-22					Received By: [Signature]										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																
Relinquished By:										Time: 1625					Received By:										All Results are emailed. Please provide Email address:																
Date:															REMARKS: PM @ etechenv.com																										
Time:																																									
Delivered By: (Circle One)										Observed Temp. °C 4.0					Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>					CHECKED BY: (Initials) JO					Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>					Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>											
Sampler - UPS - Bus - Other:										Corrected Temp. °C 3.5					<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No										Thermometer ID #113 Correction Factor -0.5°C					<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No											
																														Corrected Temp. °C											

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com


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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 21 of 21

Company Name: E-Tech Environmental				BILL TO				ANALYSIS REQUEST																			
Project Manager: Joel Lowry				P.O. #:																							
Address: 2617 Marland				Company: Goodnight																							
City: Hobbs State: NM Zip: 88240				Attn:																							
Phone #: 575-964-2600 Fax #: -				Address:																							
Project #: 15251 Project Owner: Goodnight				City:																							
Project Name: Tulapena				State: Zip:																							
Project Location: Royal Lee Co, NM				Phone #:																							
Sampler Name: Miguel Ramirez				Fax #:																							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	GRAB OR (COMP. # CONTAINERS)	MATRIX																PRESERV.		SAMPLING					
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME																	
	H220113											Hydrides BTEX TPH															
	11	WW2	C	1					X		11/10/22													X	X	X	
	12	FL85@1'																									
	13	FL83@2'																									
	14	EW3																									
	15	WW8																									
	16	NDEF3@3'																									
	17	WDEF4@3																									
<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: [Signature]				Date: 1-11-22				Received By: [Signature]				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:															
Relinquished By:				Time: 1625								All Results are emailed. Please provide Email address:															
				Date:				Received By:				REMARKS: pm@etechny.com															
				Time:																							
Delivered By: (Circle One)				Observed Temp. °C 4.0				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: T.D.															
Sampler - UPS - Bus - Other:				Corrected Temp. °C 3.5								Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>															
												Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Observed Temp. °C															
												Thermometer ID #113 Correction Factor -0.5°C															

† Cardinal cannot accept verbal changes. Please email changes to celebrity.keene@cardinallabsnm.com



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

January 12, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/11/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: S DEF 1 @ 4' (H220114-01)

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	01/12/2022	ND	2.18	109	2.00	0.476	
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27	
Total BTX	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S DEF 2 @ 4' (H220114-02)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W DEF 3 @ 4' (H220114-03)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W DEF 2 @ 13' (H220114-04)

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	01/12/2022	ND	2.18	109	2.00	0.476	
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27	
Total BTEx	<0.300	0.300	01/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E DEF 3 @ 4' (H220114-05)

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	01/12/2022	ND	2.18	109	2.00	0.476	
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27	
Total BTEx	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: S DEF 4 @ 4' (H220114-06)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E DEF 4 @ 1' (H220114-07)

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	01/12/2022	ND	2.18	109	2.00	0.476	
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27	
Total BTEx	<0.300	0.300	01/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/10/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: N DEF 2 @ 2' (H220114-08)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/11/2022	Sampling Date:	01/11/2022
Reported:	01/12/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: N DEF 4 @ 2' (H220114-09)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	23.2	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/11/2022
 Reported: 01/12/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E DEF 2 @ 6' (H220114-10)

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	01/12/2022	ND	2.18	109	2.00	0.476		
Toluene*	<0.050	0.050	01/12/2022	ND	2.12	106	2.00	0.647		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	2.07	103	2.00	0.912		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	6.29	105	6.00	1.27		
Total BTEx	<0.300	0.300	01/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/12/2022	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	01/12/2022	ND	225	112	200	1.92	
DRO >C10-C28*	<10.0	10.0	01/12/2022	ND	237	119	200	9.70	
EXT DRO >C28-C36	<10.0	10.0	01/12/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETech Environmental</u>		BILL TO		ANALYSIS REQUEST									
Project Manager: <u>Joel Lowry</u>		P.O. #:											
Address: <u>2617 Marland</u>		Company: <u>Cardinal</u>											
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:											
Phone #: <u>575-964-2889</u> Fax #:		Address:											
Project #: <u>15251</u> Project Owner:		City:											
Project Name: <u>Talapeño</u>		State: Zip:											
Project Location: <u>Rural Lea co, NM</u>		Phone #:											
Sampler Name: <u>Miguel Ramirez</u>		Fax #:											

FOR LAB USE ONLY		GRAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		CL	BTEX	TPH	
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :				DATE
<u>H220114</u>	<u>1 SDEF1 @ 4'</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>		<u>1/10/22</u>		<u>X</u>	<u>X</u>	<u>X</u>
	<u>2 SDEF2 @ 4'</u>															
	<u>3 WDEF3 @ 4'</u>															
	<u>4 WDEF2 @ 13'</u>															
	<u>5 EDEF3 @ 4'</u>															
	<u>6 SDEF4 @ 4'</u>															
	<u>7 EDEF4 @ 1'</u>															
	<u>8 NDEF2 @ 2'</u>															
	<u>9 NDEF4 @ 2'</u>											<u>1/11/22</u>				
	<u>10 EDEF2 @ 6'</u>															

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: <u>[Signature]</u>	Date: <u>1-11-22</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>1625</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>pm@etechenv.com</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>4.0</u>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>3.5</u>	CHECKED BY: (Initials) <u>YD</u>	Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>
			Observed Temp. °C
			Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 17, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/14/22 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/14/2022	Sampling Date:	01/14/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Jodi Henson
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 84 @ 3' (H220163-01)

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	01/14/2022	ND	1.90	94.9	2.00	11.7		
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3		
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2		
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6		
Total BTX	<0.300	0.300	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/14/2022	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	01/15/2022	ND	248	124	200	19.3	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	232	116	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/14/2022	Sampling Date:	01/14/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Jodi Henson
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: WW9 (H220163-02)

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	01/14/2022	ND	1.90	94.9	2.00	11.7		
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3		
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2		
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6		
Total BTEX	<0.300	0.300	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/14/2022	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	01/15/2022	ND	248	124	200	19.3	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	232	116	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

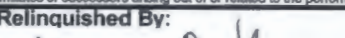
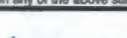


101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 7/14/22	Received By: Jodi Benson	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____
Time: 10:50				All Results are emailed. Please provide Email address: _____
Relinquished By:		Date:	Received By:	REMARKS: Rush please pm@ctechenv.com
Time:				
Delivered By: (Circle One)	Observed Temp. °C 4.0	Sample Condition	CHECKED BY: (Initials) 	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.5	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.5°C
				Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 18, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/17/22 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/17/2022	Sampling Date:	01/17/2022
Reported:	01/18/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Jodi Henson
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 26 @ 2' (H220175-01)

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	01/17/2022	ND	2.07	103	2.00	0.666	
Toluene*	<0.050	0.050	01/17/2022	ND	2.02	101	2.00	1.49	
Ethylbenzene*	<0.050	0.050	01/17/2022	ND	2.04	102	2.00	1.02	
Total Xylenes*	<0.150	0.150	01/17/2022	ND	6.18	103	6.00	0.817	
Total BTX	<0.300	0.300	01/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2022	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	01/17/2022	ND	215	107	200	1.27	
DRO >C10-C28*	<10.0	10.0	01/17/2022	ND	234	117	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	01/17/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.5 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/17/2022
 Reported: 01/18/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 27 @ 2' (H220175-02)

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	01/17/2022	ND	2.07	103	2.00	0.666	
Toluene*	<0.050	0.050	01/17/2022	ND	2.02	101	2.00	1.49	
Ethylbenzene*	<0.050	0.050	01/17/2022	ND	2.04	102	2.00	1.02	
Total Xylenes*	<0.150	0.150	01/17/2022	ND	6.18	103	6.00	0.817	
Total BTEx	<0.300	0.300	01/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2022	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	01/17/2022	ND	215	107	200	1.27	
DRO >C10-C28*	<10.0	10.0	01/17/2022	ND	234	117	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	01/17/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/17/2022
 Reported: 01/18/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FL 41 @ 2' (H220175-03)

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	01/17/2022	ND	2.07	103	2.00	0.666	
Toluene*	<0.050	0.050	01/17/2022	ND	2.02	101	2.00	1.49	
Ethylbenzene*	<0.050	0.050	01/17/2022	ND	2.04	102	2.00	1.02	
Total Xylenes*	<0.150	0.150	01/17/2022	ND	6.18	103	6.00	0.817	
Total BTEx	<0.300	0.300	01/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	01/17/2022	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	01/17/2022	ND	215	107	200	1.27	
DRO >C10-C28*	23.8	10.0	01/17/2022	ND	234	117	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	01/17/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

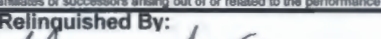




101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 11/1/22 Time: 12:00		Received By: Jodi Benson		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By: 		Date: Time:		Received By:		REMARKS: Rush please	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 5.9 Corrected Temp. °C 5.4		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: 	
				Turnaround Time: Standard <input type="checkbox"/> Bacteria (only) <input checked="" type="checkbox"/> Rush		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Thermometer ID #113 Correction Factor -0.5°C		Observed Temp. °C Corrected Temp. °C	

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 27, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/26/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/26/2022	Sampling Date:	01/26/2022
Reported:	01/27/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 42 @ 12' (H220308-01)

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	01/26/2022	ND	2.10	105	2.00	3.67	
Toluene*	<0.050	0.050	01/26/2022	ND	2.01	100	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/26/2022	ND	2.02	101	2.00	3.98	
Total Xylenes*	<0.150	0.150	01/26/2022	ND	6.11	102	6.00	4.08	
Total BTEX	<0.300	0.300	01/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/27/2022	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	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 01/26/2022
 Reported: 01/27/2022
 Project Name: JALAPENO BATTERY
 Project Number: 15251
 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 01/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 43 @ 12' (H220308-02)

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	01/27/2022	ND	2.10	105	2.00	3.67		
Toluene*	<0.050	0.050	01/27/2022	ND	2.01	100	2.00	3.55		
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.02	101	2.00	3.98		
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.11	102	6.00	4.08		
Total BTEX	<0.300	0.300	01/27/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/27/2022	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	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 65.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/26/2022	Sampling Date:	01/26/2022
Reported:	01/27/2022	Sampling Type:	Soil
Project Name:	JALAPENO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	15251	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

Sample ID: FL 55 @ 3.5' (H220308-03)

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	01/27/2022	ND	2.10	105	2.00	3.67	
Toluene*	<0.050	0.050	01/27/2022	ND	2.01	100	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.02	101	2.00	3.98	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.11	102	6.00	4.08	
Total BTEx	<0.300	0.300	01/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/27/2022	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	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: Joel Lowry

Address: 2617 West Marland

City: Hobbs State: NM Zip: 88240

Phone #: (575) 264-9884 Fax #: —

Project #: 15251 Project Owner: Goodnight

Project Name: Jalapeño

Project Location: Rural Lea Co, NM

Sampler Name: Miguel Ramirez

BILL TO

P.O. #:

Company Goodnight

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Chloride

TPH (8015M)

BTEX (8021B)

FOR LAB USE ONLY

Lab I.D. H220308

Sample I.D.

GIRAB OR (COMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

MATRIX

PRESERV.

ACID/BASE:

ICE / COOL

OTHER:

SAMPLING

DATE

TIME

1 FL 42 @ 12' G 1 X X 1/26/22 X X X

2 FL 43 @ 12' G 1 X X 1/26/22 X X X

3 FL 55 @ 3.5' G 1 X X 1/26/22 X X X

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Relinquished By: [Signature]

Date: 1-26-22

Time: 1615

Received By: [Signature]

Date:

Time:

Delivered By: (Circle One) 3.1c C.O. 5c

Sampler - UPS - Bus - Other: 2.6c #113

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY: [Signature]

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS: Rush please

Please email copy of COC and results to pm@etechenv.com.

FORM-006
Revision 1.0

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 116976

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 116976
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved.	6/15/2022