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Oil Conservation Division

	Page 1 of 20
Incident ID	nAPP2209436536
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?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🖌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🖌 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🖌 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
- $\checkmark$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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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			Incident ID	nAPP2209436536
age 4	Oil Conservation D	1V1S10n	District RP	
			Facility ID	
			Application ID	
public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name <u>Albert O</u> Signature: <u>MWM</u>		ort by the OCD does not reliev pose a threat to groundwater,	ve the operator of liability sho surface water, human health compliance with any other fec presentative	ould their operations have or the environment. In
		1		

Received by OCD: 6/14/2022 2:20:13 PM Form C-141 State of New Mexico

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# **Remediation Plan**

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

√	Detailed description	of proposed	l remediation technique	

Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

Page 5

☑ 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)

<b><u>Deferral Requests Only</u></b> : Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	h, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Albert Ochoa	Title: HSE Representative
Signature: AWut Dehoa	Date:06/14/2022
email: _albert.ochoa@goodnightmidstream.com	Telephone: (432)242-6629
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval 🗌 Denied 🔀 Deferral Approved
Signature: Jennifer Nobui	Date: 06/16/2022

•

# Remediation Summary & Deferral Request

### Goodnight Midstream Permian, LLC Jalapeno RP HGB Outlet

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. nAPP2209436536

Prepared By:

Etech Environmental & Safety Solutions, Inc. 2507 79th Street, Unit A Lubbock, Texas 79423

Ben J. Arguijo

loel

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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### 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 HGB Outlet (henceforth, "Jalapeno RP"). Details of the release are summarized below:

Latitude:	32.	32.37081 Longitude: -103.410						
		Provide	d GPS are in WGS84 form	at.				
Site Name:	Jalapeno	RP HGB Outlet	Site Type:	Salt Water Disposal (SWD)				
Date Release Disc	covered:	4/3/2022	API # (if applic	able): N/A				
Unit Letter	Section	Township	Range	County				
"N"	19	228	35E	Lea				
Surface Owner:	State	Federal Tribal	X Private (Nan	ne Merchant Livestock				
L			Ň.					
		Nature ar	nd Volume of F	Kelease				
Crude Oil	Volur	ne Released (bbls)		Volume Recovered (bbls)				
X Produced W	ater Volur	ne Released (bbls)	294	Volume Recovered (bbls) 214				
	Is the (TDS)	X Yes No N/A						
Condensate	Volur	ne Released (bbls)		Volume Recovered (bbls)				
Natural Gas	Volur	ne Released (Mcf)		Volume Recovered (Mcf)				
Other (descr	ribe) Volum	e/Weight Released		Volume/Weight Recovered				
Cause of Release Horizontal gun b		l Area: berglass outlet piping :	separated from outle	et valve flange.				
		In	nitial Response					
X The source o	f the release h	as been stopped.						
X The impacted	l area has beer	secured to protect hum	an health and the env	vironment.				
X Release mate	erials have bee	n contained via the use	of berms or dikes, ab	sorbent pad, or other containment devices				
X Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices X 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.

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### 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 halfmile 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?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes X 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	Constituent Laboratory Analytical Method					
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	600	600			
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100			
44'	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 **REMEDIATION ACTIVITIES SUMMARY**

On April 6, 2022, 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 field test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

On April 7, 2022, Etech advanced a series of test trenches within the release margins in an effort to determine the vertical extent of impacted soil. During the advancement of the test trenches, 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, one (1) delineation soil sample (T.T. 4 @ 2') was submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined in the area characterized by test trench T.T. 4 and did not extend beyond two (2) feet bgs.

On April 12, 2022, Etech collected two (2) confirmation soil samples (FL 1 @ 4' and FL 2 @ 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 and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations were 112 mg/kg in both soil samples.

On April 13, 2022, Etech collected four (4) confirmation soil samples (FL 3 @ 4' through FL 6 @ 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 and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 176 mg/kg (FL 5 @ 4') to 400 mg/kg (FL 3 @ 4').

On April 14, 2022, Etech collected two (2) confirmation soil samples (FL 7 @ 4' and FL 8 @ 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 and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL. Chloride concentrations were 1,380 mg/kg (FL 7 @ 4') and 704 mg/kg (FL 8 @ 4'), which exceeded the NMOCD Closure Criterion. Based on these laboratory analytical results, the excavation was further advanced in the areas characterized by sample points FL 7 @ 4' and FL 8 @ 4'.

In addition, Etech advanced a series of test trenches within the release margins to further investigate the vertical extent of impacted soil. During the advancement of the 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) delineation soil samples (T.T. 1 @ 2', T.T. 1 @ 4', T.T. 1 @ 6', T.T. 1 @ 8', T.T. 5 @ Surface, T.T. 5 @ 2', T.T. 6 @ Surface, and T.T. 6 @ 3') were submitted to the laboratory for analysis of chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and ranged from approximately two (2) feet bgs in the area characterized by test trench T.T. 5 to six (6) feet bgs in the area characterized by test trench T.T. 1.

On April 19, 2022, Etech collected five (5) confirmation soil samples (NW1, EW1, FL 9 @ 4', FL 10 @ 4', and FL 11 @ 4') 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 (FL 11 @ 4') to 192 mg/kg (FL 9 @ 4').

In addition, Etech advanced a series of hand-augered soil bores (EDEF 1, SDEF 1, WDEF 1, and WDEF 2) 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. 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 eight (8) deferral characterization soil samples (EDEF 1 @ Surface, EDEF 1 @ 4', SDEF 1 @ Surface, SDEF 1 @ 4', WDEF 1 @ Surface, WDEF 1 @ 4', WDEF 2 @ Surface, and WDEF 2 @ 4') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical data, the vertical extent of impacted soil was adequately defined in the areas characterized by sample points EDEF 1, SDEF 1, WDEF 1, and WDEF 2 and did not extent beyond four (4) feet bgs.

On April 20, 2022, Etech collected one (1) confirmation soil sample (FL 12 @ 4') from the floor of the excavated area. The soil sample was 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. BTEX and TPH concentrations were also below the applicable laboratory MDL. The chloride concentration was 128 mg/kg.

On April 25, 2022, Etech collected three (3) confirmation soil samples (FL 13 @ 4', FL 14 @ 4', and FL 15 @ 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 and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 192 mg/kg (FL 15 @ 4') to 240 mg/kg (FL 13 @ 4').

On April 26, 2022, Etech collected 13 confirmation soil samples (NW2, WW1, WW2, and FL 16 @ 4' through FL 25 @ 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 48.0 mg/kg (FL 16 @ 4' and FL 24 @ 3') to 208 mg/kg (WW2).

On April 28, 2022, Etech collected 10 confirmation soil samples (NW3, EW2, SW1, SW2, WW3, WW4, WW5, FL 26 @ 1', FL 27 @ 1', and FL 28 @ 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 48.0 mg/kg (FL 27 @ 1' and FL 28 @ 2') to 416 mg/kg (SW2).

On April 29, 2022, Etech collected 10 confirmation soil samples (NW4, EW3, EW4, SW3, and FL 29 @ 1' through FL 34 @ 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 64.0 mg/kg (EW4, SW3, and FL 32 @ 1') to 96.0 mg/kg (EW3 and FL 33 @ 1').

On May 2, 2022, Etech collected 15 confirmation soil samples (NW5, NW6, EW5, and FL 35 @ 3' through FL 46 @ 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 and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL (NW6, EW5, FL 39 @ 3', FL 40 @ 3', and FL 43 @ 3' through FL 46 @ 3') to 21.8 mg/kg (FL 37 @ 3'). Chloride concentrations ranged from 160 mg/kg (NW5 and NW6) to 672 mg/kg (FL 37 @ 3') and exceeded the NMOCD Closure Criterion in soil samples FL 35 @ 3', FL 36 @ 3', and FL 37 @ 3'. Based on these laboratory analytical results, the excavation was further advanced in the areas characterized by sample points FL 35 @ 3', FL 36 @ 3', and FL 37 @ 3'.

On May 5, 2022, Etech collected 19 confirmation soil samples (NW7, EW5, EW6, EW7, SW4, SW5, SW6, WW6, and FL 47 @ 3' through FL 57 @ 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 (SW5, FL 51 @ 3', and FL 53 @ 3') to 208 mg/kg (FL 49 @ 3').

On May 10, 2022, Etech collected five (5) confirmation soil samples (FL 7 @ 6', FL 8 @ 6', FL 35 @ 4', FL 36 @ 4', and FL 37 @ 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 and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg (FL 7 @ 6') to 96.0 mg/kg (FL 37 @ 4').

On May 16, 2022, Etech advanced a series of six (6) hand-augered soil bores (NH1, EH1, SH1, WH1, WH2, and WH3) along the perimeter of the excavated area to confirm that the horizontal extent of impacted soil had been fully delineated. 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 12 delineation soil samples (NH1 @ Surface, NH1 @ 1', EH1 @ Surface, EH1 @ 1', SH1 @ Surface, SH1 @ 1', WH1 @ Surface, WH1 @ 1', WH2 @ Surface, WH2 @ 1', WH3 @ Surface, and WH3 @ 1') 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. Based on laboratory analytical results, the horizontal extent of impacted soil was adequately defined in the areas characterized by auger holes NH1, EH1, SH1, WH1, WH2, and WH3.

The final dimensions of the excavated area were approximately 98 to 208 feet in length, four (4) to 115 feet in width, and one (1) to six (6) feet in depth. During the course of remediation activities, Etech transported approximately 1,476 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". 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.

### 5.0 **RESTORATION, RECLAMATION & RE-VEGETATION PLAN**

The release was limited to the production pad of an active SWD facility. 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 and compacted/contoured to meet the needs of the facility. Final remediation, reclamation, and revegetation will be conducted upon decommissioning and abandonment of the SWD.

### 6.0 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 areas characterized by sample locations EDEF 1, SDEF 1, WDEF 1, and WDEF 2 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 areas 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.

### 7.0 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.

### 8.0 **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

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# Figure 2 Aerial Proximity Map

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# Figure 3 Site & Sample Location Map

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

					Tab						
Concentrations of BTEX, TPH & Chloride in Soil											
						am Permi					
					-	HGB Out					
				NMOCI	D Ref. #: n	APP2209	436536				
NMOC	CD Closure C	riteria		10	50	-	-	-	-	100	600
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 846	5 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
				Deli	neation & Do	eferral Samp	les	(1115/115)			
T.T. 1 @ 2'	4/14/2022	2	Excavated	-	-	-	-	-	-	-	2,960
T.T. 1 @ 4'	4/14/2022	4	Excavated	-	-	-	-	-	-	-	2,600
T.T. 1 @ 6'	4/14/2022	6	In-Situ	-	-	-	-	-	-	-	560
	4/14/2022	8	In-Situ	-	-	-	-	-	-	-	592
T.T. 4 @ 2'	4/7/2022	2	In-Situ	-	-	-	-	-	-	-	96.0
	4/14/2022	0	Excavated	-	-	-	-	-	-	-	9,120
	4/14/2022	2	In-Situ	-	-	-	-	-	-	-	288
	4/14/2022	0	Excavated	-	-	-	-	-	-	-	13,400
	4/14/2022	3	In-Situ	-	-	-	-	-	-	-	64.0
	5/16/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EH1 @ Surface		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SH1 @ Surface		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
0	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
	5/16/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	5/16/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
ÿ	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
<u> </u>	5/16/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
-	5/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
EDEF 1 @ Surface		0	Excavated		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,800
<u> </u>	4/19/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	4/19/2022	0	Excavated	< 0.050	< 0.300	<10.0	46.3	46.3	<10.0	46.3	28,800
~	4/19/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	4/19/2022	0	Excavated	< 0.050	< 0.300	<10.0	1,390	1,390	465	1,860	6,000
-	4/19/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WDEF 2 @ Surface		0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
-	4/19/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
		•				eferral Samp		_0.0	1010	20.0	0.10
NW1	4/19/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	4/26/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
	4/28/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	4/29/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW5	5/2/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	10.1	10.1	<10.0	10.1	160
NW6	5/2/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW7	5/5/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
	4/19/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
	4/28/2022	0-1	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. **Bold:** NMOCD Closure Criteria exceedance.

Italicized: NMOCD Reclamation Standard exceedance.

	Table 1										
	Concentrations of BTEX, TPH & Chloride in Soil Goodnight Midstream Permian, LLC										
					apeno RP D Ref. #: n						
NMO	CD Closure C	riteria		10	50 Ster	AII 2203	430330			100	600
	Reclamation			10	50	-	-	-		100	600
							SW	7 846 8015M	Ext.	100	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	5 8021B BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
EW4	4/29/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW5	5/2/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW5	5/5/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW6	5/5/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
EW7	5/5/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW1	4/28/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW2	4/28/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
SW3	4/29/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW4	5/5/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW5	5/5/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW6	5/5/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW1	4/26/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW2	4/26/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW3	4/28/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW4	4/28/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW5	4/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW6	5/5/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 1 @ 4'	4/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 2 @ 4'	4/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 3 @ 4'	4/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 4 @ 4'	4/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 5 @ 4'	4/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 6 @ 4'	4/13/2022	4	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 7 @ 4'	4/14/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
FL 7 @ 6'	5/10/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 8 @ 4'	4/14/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<b>704</b>
FL 8 @ 6'	5/10/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 9 @ 4'	4/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 10 @ 4'	4/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 11 @ 4'	4/19/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 12 @ 4'	4/20/2022	4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 13 @ 4'	4/25/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 14 @ 4'	4/25/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 15 @ 4'	4/25/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 16 @ 4'	4/26/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 17 @ 4'	4/26/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 18 @ 3'	4/26/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 19 @ 3'	4/26/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 20 @ 3'	4/26/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 21 @ 3'	4/26/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 22 @ 3'	4/26/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192

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

Bold: NMOCD Closure Criteria exceedance.

Italicized: NMOCD Reclamation Standard exceedance.

	Table 1 Concentrations of BTEX, TPH & Chloride in Soil													
			Conce		of BTEX, nt Midstre			Soil						
				0	apeno RP		· ·							
					D Ref. #: n									
NMO	CD Closure C	riteria		10	50	-	-	-	_	100	600			
	Reclamation			10	50	-	-	-	_	100	600			
				SW 840	5 8021B		SW	7 846 8015M	Ext.		4500 Cl			
	D (	Depth	Soil			GRO	DRO	GRO +	ORO	ТРН				
Sample ID	Date	(Feet)	Status	Benzene (mg/kg)	BTEX (mg/kg)	C <sub>6</sub> -C <sub>10</sub>	C <sub>10</sub> -C <sub>28</sub>	DRO C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub>	C6-C36	Chloride (mg/kg)			
				(ing/kg)	(ing/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ing/kg)			
FL 23 @ 3'	4/26/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0			
FL 24 @ 3'	4/26/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0			
FL 25 @ 3'	4/26/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0			
FL 26 @ 1'	4/28/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0			
FL 27 @ 1'	4/28/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0			
FL 28 @ 2'	4/28/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0			
FL 29 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 30 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 31 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 32 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0			
FL 33 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0			
FL 34 @ 1'	4/29/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 35 @ 3'	5/2/2022	3	Excavated	< 0.050	< 0.300	<10.0	17.6	17.6	<10.0	17.6	624			
FL 35 @ 4'	5/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 36 @ 3'	5/2/2022	3	Excavated	< 0.050	< 0.300	<10.0	19.3	19.3	<10.0	19.3	608			
FL 36 @ 4'	5/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0			
FL 37 @ 3'	5/2/2022	3	Excavated	<0.050	<0.300	<10.0	21.8	21.8	<10.0	21.8	<u>672</u>			
FL 37 @ 4'	5/10/2022	4	In-Situ	<0.050 <0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0			
FL 38 @ 3' FL 39 @ 3'	5/2/2022	3	In-Situ		<0.300	<10.0	13.9	13.9 <20.0	<10.0	13.9	560			
FL 39 @ 3' FL 40 @ 3'	5/2/2022 5/2/2022	3	In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0	<10.0 <10.0	<30.0 <30.0	256 224			
FL 40 @ 3 FL 41 @ 3'	5/2/2022	3	In-Situ In-Situ	<0.030	<0.300	<10.0	14.5	14.5	<10.0	< <u>30.0</u> 14.5	224			
FL 41 @ 3 FL 42 @ 3'		3		<0.050	<0.300						288			
FL 42 @ 3 FL 43 @ 3'	5/2/2022 5/2/2022	3	In-Situ In-Situ	<0.030	<0.300	<10.0 <10.0	15.0 <10.0	15.0 <20.0	<10.0 <10.0	15.0 <30.0	320			
FL 44 @ 3'	5/2/2022	3	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320			
FL 45 @ 3'	5/2/2022	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240			
FL 46 @ 3'	5/2/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288			
FL 47 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176			
FL 48 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176			
FL 49 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208			
FL 50 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0			
FL 51 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0			
FL 52 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0			
FL 53 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0			
FL 54 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0			
FL 55 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128			
FL 56 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112			
FL 57 @ 3'	5/5/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112			

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

Bold: NMOCD Closure Criteria exceedance.

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# Appendix A Depth to Groundwater Information





Released to Imaging: 6/16/2022 12:26:12 PM

Received by 03 CD: 6/14/2022 2:20:13 Em.us/nmwrrs/ReportProxy?queryData=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"tree%225% of 208

Interstale Stram Committee	V	lat					00	v	the State <b>ge De</b>	U		ter	
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orpha C=the fil closed)	ned, e is	n	<b>`</b> 1			W 2=NE 3 est to larg	s=SW 4=SE gest) (N	E) AD83 UTM in n	neters)	(In fe	eet)	
		POD Sub-		0 0	0							W	Vater
POD Number	Code		County		•	c Tws	Rng	Х	Y	DistanceDe	pthWellDept		
<u>CP 01719 POD1</u>		СР	LE	4 4	3 24	228	34E	648215	3582680 🌍	1359	1173	838	335
									Avera	ge Depth to Wat	ter:	838 fee	et
										Minimum De	epth:	838 fee	t
										Maximum De	pth:	838 fee	t
Record Count: 1													
UTMNAD83 Radiu	s Search (in	1 meters	<u>):</u>										
Easting (X): 64	9574.34		Nortl	hing (Y)	358	2649.6	5		<b>Radius:</b> 1610				

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer **Point of Diversion Summary**

			(1					W 4=SE)				
		· •				o larges	·					
Well Tag	POD	Number	Q64 (	Q16 (	24	Sec	Tws	Rng	Х	Y		
NA	CP (	01719 POD1	4	4	3	24	22S	34E	648215	3582680 🌍		
x Driller Lic	ense:	421	Driller	Com	pan	y:	GL	ENN'S '	WATER WE	LL SERVICE		
Driller Na	me:	GLENN, CLARK	K A."CORK	Y", C	Е							
Drill Start	Date:	05/20/2019	Drill F	inish	Dat	e:	0	5/24/201	19 <b>Ph</b>	ıg Date:		
Log File Date: 06/10/2019 Pump Type:			PCW I	Rev D	ate:				So	urce:	Artesian	
			Pipe D	Pipe Discharge Size:					Es	<b>Estimated Yield:</b>		
Casing Siz	e:	8.00	Depth	Depth Well:				1173 feet		pth Water:	838 feet	
X	Wate	er Bearing Stratif	ications:		Тор	) B	ottom	Desci	ription			
					826	5	857	Shale	/Mudstone/S	Siltstone		
					857	7	953	Shale	/Mudstone/S	Siltstone		
					953	3	1150	Sands	stone/Gravel	/Conglomerate		
					1150	)	1173	Shale	/Mudstone/S	Siltstone		
X		Casing Perf	orations:		Top	) В	ottom	l				
					753	3	1173					

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

POINT OF DIVERSION SUMMARY

Received by OCD: 6/14/2022 2:20:13 PM



**Released to Imaging: 6/16/2022 12:26:12 PM** 



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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

#### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 322231103262601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### 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.

**Output formats** 

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

Date \$	Time \$	? Water- level ≎ date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical ≎ datum	? \$tatus	? Method of measurement	? Measuring <sup>≎</sup> agency	? Source of measurement	? Water- level approval status
1968-06-10		D	72019	25.25	·		1	Z			Α
1971-09-08		D	72019	26.98			Р	Z			A
1976-12-16		D	72019	24.30			1	Z			А
1981-03-18		D	72019	23.37			1	Z			А
1986-04-10		D	72019	22.83			1	Z			А
1991-05-03		D	72019	22.53			1	Z			А

### Received by OCD: 6/14/2022 2:20:13 PM

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	? \$tatus	? Method of measurement	? Measuring <sup>\$</sup> agency	? Source of measurement	? Water- level approval status
1996-02-21		D	72019	22.13			1	S			А
2015-12-18	21:30 UTC	m	72019	17.39			1	S	USGS	S	А

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	Р	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	А	Approved for publication Processing and review completed.								

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-10 13:02:33 EDT 0.32 0.27 nadww01 USA.gov



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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 322238103225201

#### **Minimum number of levels =** 1

Save file of selected sites to local disk for future upload

### 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 (N9999OTHER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

**Output formats** 

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

Date \$	Time \$	? Water- level date-time accuracy	? Parameter <sup>\$</sup> code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical ≎ datum	? \$ Status	? Method of the surement	? Measuring <sup>\$</sup> agency	? Source of measurement	? Water- level approval status
1965-11-02		D	72019	77.57			1	Z			А
1968-06-10		D	72019	75.64			Р	Z			А
1970-12-04		D	72019	77.17			Р	Z			A
1996-02-16		D	72019	78.75			1	S			А

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	Р	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	А	Approved for publication Processing and review completed.							

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-10 12:58:44 EDT 0.29 0.25 nadww01 USA.gov



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- Full News 🔝

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

#### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 322238103225202

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### 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 (1210GLL) local aquifer.

**Output formats** 

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

Date \$	Time \$	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1976-12-16		D	72019	77.90			1	Z			А
1981-03-18		D	72019	77.57			1	Z			А
1986-03-21		D	72019	77.29			1	Z			А
1991-05-03		D	72019	78.74			1	Z			А

### Released to Imaging: 6/16/2022 12:26:12 PM

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	А	Approved for publication Processing and review completed.			

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-10 13:00:03 EDT 0.38 0.35 nadww01 USA.gov

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



Sample Log

Project: Jalapeno CRP HGB Outlet Project Number: 15858

0

Latitude:

Longitude:

0

Sample ID	PID/Odor	Chloride Conc.	GPS
T. 1 @ 1', 2', 3', 4, 5', 6 T. 2 @ 1', 2', 3' T. 2 @ 1', 2'	8-74	900,600,548,548,548,900,372,3	
T.2 P 1 2' 3'	19/	TPH was bad	di di
87.2 Q 1' 2'		TPH was back	
		1111 00 07 17 0	
J. 4 @ Z'		1,116	
T. T. 5 PC. F. 1' 2' 8' M		6356.648.482	
T.T. 5 @ Swif, 1', 2', 0', 00 T.T. 6 @ Swif, 1', 2'3		(356,648,488,160	
FLIQY'	-	2.4 268	
FL2@Y'	-	2.8 364	
F1324		2.8 316	
FU4/241		2.1 280	
FL 5,04'	-	2.6 280	
FLLOY'	-	2.4 244	
FLICH'	-	5,8 /124	
FL8 @Y'	-	4,0 596	
EDEFI @ surface	<u>^</u>	7.8 H.S. 2860	
EDEFI QY'	c	2.0 (88	
SDEFI @ SU.Face	-	8.0 H.S. 13692	
SDEFIC 4'	<u>^</u>	2.0 186	
WDEFIE 4 WDEFIE 4'		3.0 2582	
WDEFLE Y'		2.0 (88	
WDEF20 surfey		8.0 2582	
WDEF20 surface WDEF20 FL9@4'	<u>`</u>	2.6 280	
FL9@4'	^	3.4 440	
FLID @4'		2.9 446	
NW I	<u> </u>	2.6 280	
FLII QY'	<u> </u>	2.0 188	
Ewi		3.0 352	
FL 12 Q Y		2.0 181	
	~	2·1 3/4 3.0 352	
	-	C.V	
$\frac{1}{11} \frac{1}{12} \frac{1}{2} $		2.6 Z80 2.4 Z44	
		2.4 244 2.6 280	
			Resamples= SP #1 @ 5b or SW #1b
Sample Point = SP #1 @ ## etc Floor = FL #1 etc Sidewall = SW #1 etc		Test Trench = TT #1 @ ## 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
		Sou intended to be belefied = 2L #T @ 4 IU-21[0	Gro Sample Fonds, center of comp Areas
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	Environmental	& Safety Solu	rtions, Inc.

### Sample Log

Date:

· Anta

Project: Hume Project Number: 15293

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
Attack F1 19 @ 2'	5	196	
En FL 20@3' En FL 21@3' Et FL 72@3'	-	326	
FL21 @3'	-	156	
# FL Z2 @3'		216	
WWI WWI		216 196	
EL TATIS'		272	
* ARTS!		289	
www	-		
FL 23@3'	-		
FL ny Q3'	-		
FL 24 Q3' FL 25 Q3'	-		
wwg	-	2.0 184	
FL26 @1' FL27 @1'	1	1.8 1.98	
FL 27 @11	-	2.0 (84	
Sw1 Sw2	5	3.0 412	
5002	-	2.8 364	
FL 28 @ 2' Ew2	-	2-8 148	
Ewa	(	2.8 364	
wwg	-	3.0 412	
WWY NW3	+	2.8 364	
wws.	~	3.0 412	
5183 Ew3	-	3.0 412	
Ew3	~	2.8 Ch2 36.9	
NWY		2.8 364	
FL 29 @/	-	3.0 \$1-8	
FL 3001		184	
FL 31 @1'	-	148	
FL 32@1'		364	
FU3301	-	4/2 4/2	
FL 34@1'	<u>^</u>	4/2	
Noa: Ewy	/	17/4	
FL 35 (2-3'		189 412	
FL 36 @3.		412	
FL 37 @3	-	140	
FL 33@1' FL 34@1' NOA: FWY FL 35 @3' -1 32 @3 FL 38 @3' FL 38 @3'	-	184	×
EWS	1	184	1

Sample Point = SP #1 @ ## etc

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

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas
.208		
37 of		
age 3	EAL	al e
Pa	ECH	Solutions, Inc.

# Sample Log

Date:

appa

Project: Project Number:

lastro Callade

\_ Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
enpersacher 1/4/5		750 118	
weeks FL 39 DZ'	-	6 194	
FURD FLYORS.	-	18 280	
HUDD' FLY P3'	~	240	
NOLUY FLYZE3'		E23 17 Y	
Mart FL 43 @ 3'	-	500 280	
FL 44 P 3'	-	364	
FL 45 A3'	-	220	
FL 46@3'	-	364	
NWB		364	
NWT	/	118	
EW5		280	
SW 4		364	
SWS	/	280	,
504		780	
EWG		280 364	
EWJ		280	
WWb	-	364	4
FL 47 A 3'	-	280	
FL 47 @ 3' FL 48 @ 3' FL 49 @ 3'		4 مان	
FL 49 @3'	-	118	
FL 50 (W 3'	/	184	
FL 51 Q3'	-	412	
FL 52@3'		412	
FL 53 @3'	-	316	
FL 54 Q3'	-	412	
FL 55 @3'		412	
FL 56 @ 3'	/	288	
FL 57 @3		316	
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 Area
Floor = FL #1 etc Sidewall = SW #1 etc			



Site: NMOC Locati	Jalape D Re ion: L	eno RP <b>ference #</b> .ea Co., N	Co nAPP2132245281 Dr M De 19, T22S, R35E De	ell/Borehole ID: TMW-1 pordinates (NAD 83): 32.371791,-103.410713 rilling Date: 5/4/2022 epth of Boring (ft): 80 epth to Groundwater (ft): 44 ugging Date: 6/1/2022	Driller: Drilling Loggec Drafted	L. Scarb Method	orough : Air Rota Scarborou Arguijo		Drilling,	Inc.						
Comp	letion	1: N/A	Ca	asing: 2" PVC	Screen	reen: 0.1" Slotted										
Comm	nents:	: Tempora	ary monitor well advanced in nor	thwest corner of production pad.												
Depth (ft)	Groundwater	Lithology		Chloride Field Test	Petroleum Odor	Petroleum Stain	Well Construction									
		e. 6	Caliche pad Caliche fines		/	-	-	-								
- 5			Sand													
						-	-	-								
_ 10 _						-	-	-								
- 15		· · · ·														
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- 25		· ·				-	-	-								
_ 20						-	-	-								
- 30																
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- 35		• • • •								   0						
- 40						-	-	-		- Open Hole						
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- 70		• • •				-	-	-								
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- 75																
						-	-	-								
<del>80</del>			Notes:													
- 85			• Lines between material types may be gradual.	represent approximate boundaries. Actual trans	NONS											
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- 95																
- 90																
_																

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

# Appendix C Photographic Log





























# **Appendix D Laboratory Analytical Reports**



April 14, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 15:52.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/11/2022	Sampling Date:	04/07/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: TT - 6 @ SURFACE (H221480-01)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	04/14/2022	ND	416	104	400	3.77	

# Sample ID: TT - 6 @ 3' (H221480-02)

Chloride, SM4500Cl-B	Analyze	d By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	ND	416	104	400	3.77	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

# \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 303-2326 EAY (ETE) 202 3476

	(575) 393-2326 FAX (575) 393-2	476								_	_											Pag	je 1 of	1
Company Name: Etech Environmental & Safety Solutions, Inc.								BILL TO						ANALYSIS REQUEST										
Project Manage	r: Joel Lowry							P.O.	#:															
Address: 261	7 W Marland					_		Com	pan	G	odnigh	A												
City: Hobbs	State: NM	Zip	: 88	240				Attn:										1						
Phone #: (57	5) 264-9884 Fax #:							Add	ress	:					BTEX (8021B)									
Project #:	15858 Project Owne				_			City:					1											
Project Name:	Julapeno CRP HGBOU	the	t	-				State	e:		Zip:		•	TPH (8015M)					1				1	
Project Location: Rural Icn Co, NM							Pho	ne #	:			Chloride	801	(80)										
Sampler Name:	Miguel Rumite							Fax	#:				Ŀ	Ĩ	EX									
FOR LAB USE ONLY		T	Γ		MA	TRIX		P	RES	ERV.	SAMPL	ING	1	H.	81									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :			DATE	TIME												
1	T.T. 6 @ surphue T.T. 6 @ 3	C	1		X				X		4/2/22		X											
2	T.7.6 C 3'	C	1		1	4		-	X		4/1/22	1	X				-							
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analyses. All claims includ service. In no event shall C affiliates or successors aria Relinquished B Relinquished B	(Circle One) 3.92)C-0.5- Bus - Other: 3.42 #	Re Re S8	d waiv ut limit d. rega ecei b cei	ed uniess ation, bus rdless of ved B ved B	ample	Cor Inta	ng and r ions, los claim is claim is dittio ct Yes No	eceived s of us based	cH	IECK (Initi	ethin 30 days all fills incurred by above stated r ED BY: alls)	er completion of client, its subsidia	the applica aries, essuit: essuit: It: S: email r	PYe	s and o		Add'l	Phone Fax #: C to p		teche	nv.com	).		

Page 54 of 208

E



April 14, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 15:52.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/11/2022	Sampling Date:	04/07/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: TT - 4 @ 2' (H221481-01)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	416	104	400	3.77	

#### Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

# \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(5/5) 393-2326 F/	AX (575) 393-24	476										_	_		_			_			Page	1 of
Company Name: Etech Environment	tal & Safety Solu	tions,	Inc.					2	BI	LL TO					1	ANAL	YSIS	RE	QUE	ST		
Project Manager: Joellowny							-	). #:								T						
Address: 2617 W Marland							Co	mpa	iny G	roodnig	ht											
City: Hobbs	State: NM	Zip:	8824	40			Att															
Phone #: (575) 264-9884	Fax #:						Ad	dres	s:			1	1									
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Project Name: Jalapero CPP	HBBAHlet	~					Sta	nte:		Zip:			2W	BTEX (8021B)								
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April 14, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 15:52.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/11/2022	Sampling Date:	04/07/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: TT - 5 @ SURFACE (H221482-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9120	16.0	04/14/2022	ND	416	104	400	3.77	

# Sample ID: TT - 5 @ 2' (H221482-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/14/2022	ND	416	104	400	3.77	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

# \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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April 14, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 15:52.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/11/2022	Sampling Date:	04/07/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: T.T. 1 @ 2' (H221483-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	04/14/2022	ND	416	104	400	3.77	

# Sample ID: T.T. 1 @ 4' (H221483-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	04/14/2022	ND	416	104	400	3.77	

## Sample ID: T.T. 1 @ 6' (H221483-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/14/2022	ND	416	104	400	3.77	

# Sample ID: T.T. 1 @ 8' (H221483-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/14/2022	ND	416	104	400	3.77	

#### Cardinal Laboratories

\*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

# \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 303 2326 EAY (575) 202 2476

ompany Name	: Etech Environmental & Safety S	olutions	s, In	C.				32	B	IL	LTO					-	ANAL	YSIS	S RE	QUE	ST		
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April 21, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 15:00.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/12/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: FL 1 @ 4' (H221574-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/19/2022	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	04/19/2022	ND	2.04	102	2.00	4.40	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.03	102	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.31	105	6.00	4.40	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129 9	% 59.5-14	2						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/12/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: FL 2 @ 4' (H221574-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	04/19/2022	ND	2.04	102	2.00	4.40	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.03	102	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.31	105	6.00	4.40	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	152 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	163 9	% 59.5-14	2						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: FL 3 @ 4' (H221574-03)

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	04/20/2022	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	04/20/2022	ND	2.04	102	2.00	4.40	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	102	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.31	105	6.00	4.40	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	106 % 66.9-13		6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: FL 4 @ 4' (H221574-04)

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	04/20/2022	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	04/20/2022	ND	2.04	102	2.00	4.40	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	102	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.31	105	6.00	4.40	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
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	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

# Sample ID: FL 5 @ 4' (H221574-05)

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	04/20/2022	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	04/20/2022	ND	2.04	102	2.00	4.40	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	102	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.31	105	6.00	4.40	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	144	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	155	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


## Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 6 @ 4' (H221574-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	2.01	100	2.00	1.56	
Toluene*	<0.050	0.050	04/20/2022	ND	2.00	100	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.99	99.7	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.22	104	6.00	1.41	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 7 @ 4' (H221574-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	2.01	100	2.00	1.56	
Toluene*	<0.050	0.050	04/20/2022	ND	2.00	100	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.99	99.7	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.22	104	6.00	1.41	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	132 9	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/21/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 8 @ 4' (H221574-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/20/2022	ND	2.01	100	2.00	1.56	
Toluene*	<0.050	0.050	04/20/2022	ND	2.00	100	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.99	99.7	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.22	104	6.00	1.41	
Total BTEX	<0.300	0.300	04/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	4.01	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	183	91.4	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

#### Cardinal Laboratories

## \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

0	(575) 393-2326 FAX (575) 393	-	-	-	-	-	-	-	-	-	-	2 2 4	1 70		-			-	ANIA	IVC	IC D	EOU	ECT	F	age 1 o	
Company Name		HUTIONS	5, 10	C.		-		-	BILL TO					ANALYSIS REQUEST						T	-					
Project Manager	r: Jec/ Lowry 7 W Marland							-	-	-	_	The	1	.1/												
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City: Hobbs State: NM Zip: 88240   Phone #: (575) 264-9884 Fax #:   Project #: /5858 Project Owner: Dodn iff					-1	Attr																				
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	858 Project Ow	ner:	000	Ini	A			-	City	:						e	â									
Project Name:	Jalapeno CRPHGBON	not	-				_	-1	Sta			-	Zip:		<del>g</del>	TPH (8015M)	BTEX (8021B)									
Project Location	": Rural Lecc Co, arm Migue   Ramir-C							4	Pho	ne	#:			_	Chloride	(80	(8)									
Sampler Name:	Migue Ranive		-	-	_				Fax	-					5	H	10									
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	TEWATER	SOIL	- 1	SLUDGE			CE / COOL	OTHER :	DATE	TIME												
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analyses. All claims includie service. In no event shall Cr affiliates or successors arisen Relinquished By Relinquished By Delivered By:	(Circle One) 5.65 C-	be deeminding without by Cardina R	ed wai out limi al. rege ecei	itation ardless	s of whe By: By: By: By: Sam	ade in ns inter ther s	writing muplic such cl	ditic	base	ed by use, a d upo		CKE	hin 30 days after the incurred by a above stated re by ED BY: als)	r completion of	the applica uries, se. esult: ilt: S:	□ Ye	<u>s</u>	No No	Add	I Phon I Fax #	k:	etech	env.co	om.		

Released to Imaging: 6/16/2022 12:26:12 PM



April 25, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/19/22 15:20.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: EDEF 1 @ SURFACE (H221608-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	04/21/2022	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	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.3	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: EDEF 1 @ 4' (H221608-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.4	% 59.5-14	2						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: SDEF 1 @ SURFACE (H221608-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	46.3	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	74.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.1	% 59.5-14	2						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: SDEF 1 @ 4' (H221608-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WDEF 1 @ SURFACE (H221608-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	1390	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	465	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	180 9	% 59.5-14	2						

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## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WDEF 1 @ 4' (H221608-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.4	% 59.5-14	2						

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## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WDEF 2 @ SURFACE (H221608-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.3	% 59.5-14	2						

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## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WDEF 2 @ 4' (H221608-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.7	% 59.5-14	2						

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## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: NW 1 (H221608-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69	
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 9 @ 4' (H221608-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	7.15	
Toluene*	<0.050	0.050	04/22/2022	ND	2.09	104	2.00	7.20	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.99	99.4	2.00	7.52	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.21	103	6.00	7.65	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 10 @ 4' (H221608-11)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	7.15	
Toluene*	<0.050	0.050	04/22/2022	ND	2.09	104	2.00	7.20	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.99	99.4	2.00	7.52	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.21	103	6.00	7.65	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	74.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.8	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 11 @ 4' (H221608-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	7.15	
Toluene*	<0.050	0.050	04/22/2022	ND	2.09	104	2.00	7.20	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.99	99.4	2.00	7.52	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.21	103	6.00	7.65	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: EW 1 (H221608-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	7.15	
Toluene*	<0.050	0.050	04/22/2022	ND	2.09	104	2.00	7.20	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.99	99.4	2.00	7.52	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.21	103	6.00	7.65	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.7	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

#### Cardinal Laboratories

## \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Page 93 of 208 **RDINAL LABORATORIES** (57

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 17

101 East Marland, Hobbs, NM 88240

TEL	202 2226	EAV	IETEN	202 2476
131	393-2326	FAA	(3/3)	333-24/0

	(575) 393-2326 FAX (575) 393				_		-	_		10.0	444.44		_		_			_				Pag	e 1 of
Company Name		olutions	s, Inc	с.			13		-	ILL	TO		-		_	-	ANA	LYS	SR	EQUE	EST	-	
	r: Joel Lowry			_		_	-	0. #:	_		_												
Address: 261	17 W Marland /					_	Co	ompa	iny G	300	dnig	ht											
City: Hobbs	State: NM	Zip	: 88	240			At	tn:							L .								
	5) 264-9884 Fax #:						Ac	Idres	ss:														
Project #: /	5858 Project Ow	ner: C	ža	dais	ht	-	Ci	ty:															
Project Name:	5858 Project ON Ge Jalapero CRPHGB n: Bival Lea co, NU Migue Raminez	out	le	F			St	ate:		Zip				TPH (8015M)	BTEX (8021B)								
Project Locatio	n: Bur Lea co MU						P	none	#:	-			Chloride	301	80								
Sampler Name:	Miguo Paninez				-	-	-	x #:					Ĕ	H	X								
FOR LAB USE ONLY	injucifie mit c		Г		MAT	RIX		-	SERV	. s		NG	ľ	₽	E								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	Solt	OIL	SLUDGE OTHER :	ACID/BASE:	ICE / COOL OTHER ;		DATE	TIME											
1	EDEF/@surface	C	1		x				X	41	14/22		X	X	X								
3	EDEFI @4'	1	1		1				1				1	1	1								
3	SDEFI @ surface		Ш										Ц										
4	SDEFI@4'												1	1						-			
5	WDEF 1@ surface		11							$\square$			11	11									
6	WDEFIQ4'		11							4	_		1		11				-				
7	WOEF 2@ surface		11		1					11		_	11	11	11		-		-	-	-		
8	WDEF 2 @4'	1	V		V				1	V	1		4	4	1			-			1.1		
							-																
natyses. All claims includ	nd Damages Cardinal's liability and client's exclusive remedy ling those for negligence and any other cause whateoever sh	ili be deeme	ed web	ved unless	made is	willing	and rec	alved by	Cardinal	within 3	0 days aller	compietion of t	he applica	blo									
	Cardinal be liable for incidental or consequential damages, inc ang out of or related to the performance of sensitive hereunds																-						
Relipquished B	M:D Date: 19-2	ZRE	ecei	ved B	y:			1	n/	7 1		Phone Re Fax Resu				No No		I Phone I Fax #					
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Delivered By	: (Circle One) 5.9c C.			Co	lool	Conc			CHEC (Ini	KED I itials)													
Sampler - UPS	- Bus - Other: 5.4c	the	13		Yes	P	es	X	0	>	- 1												
		111	-		1, 510																		



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 17 of 17

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

Company Name: Etech Environmental & Safety So		BILL TO	ANALYSIS REQUEST
Project Manager: Joe Lowry		P.O. #:	
Address: 2617 W Marland		Company Canalnight	
City: Hobbs State: NM	Zip: 88240	Attn:	
Phone #: (575) 264-9884 Fax #:		Address:	]
Project #: 15858 Project Own	ner: Goodnight	City:	
Project Name: Jalence CPP HCB outle	t	State: Zip:	
Project Name: July Project Name: Rural ha co, Nm Sampler Name: Miguel Pamier		Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Miguel Pumike		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		
9 NWI	CIY	X Y/M/ee	XXX
10 FLACY'			
11 FL10@4'			
E FLIIQY			
13 ENI	VV V	VV	
PLEASE NOTE: Liability and Damages. Cardinal's liability and cleant's exclusive remody analyses. All claims luckaling these for mediances and any other cause whateover shall service. In no event shall Cardinal be liable for lucklental or cansequential damages, lock affitiates or successors affiting out of orgelated to the performance of services hereunder Relinquished By: Relinquished By: Date: Time: Delivered By: (Circle One) 5.9 c C- Sampler - UPS - Bus - Other: 5.4 c	I be deemed walved unless made in willing a ding willowt limitation, business biorruption by Cardinal, regardless of whether such clain Received By:	nd received by Cardinal within 30 days after completion of , toes of use, or toes of profile incurred by client, its subsidi In is based upon any of the above stated reasons or othere Phome R Fax Rees REMARK Piease ( Micon CHECKED BY: (Invition)	d the applicable datas, nea. Result: I Yes I No Add'I Phone #: sult: I Yes I No Add'I Fax #:
FORM-006 t Revision 1.0		erbal changes. Please fax written	changes to 575-393-2476



April 28, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 14:43.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/20/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 12 @ 4' (H221705-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
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	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/25/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 13 @ 4' (H221705-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	% 59.5-14	•						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/25/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 14 @ 4' (H221705-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	119 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	134 9	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/25/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 15 @ 4' (H221705-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 16 @ 4' (H221705-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 17 @ 4' (H221705-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 18 @ 3' (H221705-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

## Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 19 @ 3' (H221705-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	% 59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 20 @ 3' (H221705-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	213	107	200	0.610	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	117 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	133 9	59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 21 @ 3' (H221705-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 22 @ 3' (H221705-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	04/27/2022	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	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.1	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WW 1 (H221705-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	04/27/2022	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	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: WW 2 (H221705-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/27/2022	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	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.8	% 59.5-14	2						

## Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


### Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: NW 2 (H221705-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

### Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 23 @ 3' (H221705-15)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	2						

### Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 24 @ 3' (H221705-16)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	59.5-14	2						

#### Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 25 @ 3' (H221705-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.97	98.4	2.00	9.72	
Toluene*	<0.050	0.050	04/28/2022	ND	1.94	97.0	2.00	10.6	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.4	2.00	9.55	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.99	99.8	6.00	9.32	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	oride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	100 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

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

#### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

**RDINAL LABORATORIES** 

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 20 of 21

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

Company Name: Etech Environmental & Safety Solutions, Inc.										1	3/	LL TO		ANALYSIS REQUEST											
Project Manag	er: Joel Lowry								P.O. #	:				F											
Address: 26	17 W Marland								Comp	any	R	oodau	the !!												
City: Hobbs	State: NM	Zip	: 88	240	)				Attn:		-		-												
Phone #: (575) 264-9884 Fax #:								Addre	SS:				1												
Project #: /4	Project Own	er: G		da	tia	6.	f		City:					1											- 1
Project Name:	7858 Project Own Jalaperio CEP HGB od	-68	-		1				State:			Zip:			EM)	18									
Project Locatio	M: Rural las co, MM : Aligue / Rumipe								Phone	#:				Chloride	TPH (8015M)	BTEX (8021B)					- 1				
Sampler Name	Allace ( lean ine		-	-				-1	Fax #:					Ť	H	X									
FOR LAB USE ONLY	I	T	Г	Г		MAT	RIX		-	ESEF	RV.	SAMPLI	NG	Ĩ	₽	E									
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												
1	FL12 @4'	K	1			X				r		4/20/22		X	X	X		T			-				
2	FL 13 @ 41 FL N @4'	1	li			1				1		1/25/2		11	i	1									
3		11	11					-		1		1	-			11						_			
4	FLISQUI	4	11				_	_				*		11		11	-			-	-	_		_	
5	FLILQY	44	11				_	_			_	4/26/2	-	11	11	11	-	-	-	-	-				_
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7	FL/803	#	#		-		-	+	+	4	-			11	11	$\square$	+	-	-	+	-	-		-	
8	F( 19@3'	#	#	-	-		-	-	+	4	-	-		₩-	++	11	+	-	-	+	-	-		_	-
	F1 20@3'	╢	#	L		+	-	+			4	-		11	11	11	-	+	+	+	-	_			-+
10 LEASE NOTE: Liability	and Demegae. Cardinal's liability and client's exclusive remody for	K	14	Dia why	other b	Y	in contr	ract or	r tort shall	be limi	Red to	the amount pair	by the client fo	1 Ma	Y	V			_		_	-			
nalyses. All claims inclu	day those for negligence and any other cause whatsoever shall b Cardmal be lable for incidental or consequental damages, includi	e deem	nd waiv	nu bu	lees m	ndo in	willing	and e	received by	Cardis	nul vi	thin 30 days allo	r completion of t	he applicat	ble										
	sing out of or related to the performance of services hereunder by	Cardina		rdless	of whe									ise. esult:			No		l'I Pho I'I Fax		-	-			
Relinquished	Ame: 1443	R	ecei	ved	By:	d	R	i	qu	l	人	F	Please e	S:							Dete	chen	v.com		
Delivered By Sampler - UPS	r: (Circle One) $4.0^{\circ}$ C $-0.9^{\circ}$ - Bus - Other: $3.5^{\circ}$ H				Sam	ple Ves	Contac	ditio	m			ED BY: als)			urret		op	,			30.0				

Page 114 of 208

ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name											B	IL.	LTO						AN	ALY	SIS	RE	QUE	ST			
Project Manage	r: Joe (Lowry								P.0	). #:							T				T						T
Address: 261	7 W Marland								Cor	npa	ny	G	ordalg	Lr													
City: Hobbs	State: NM	Zip	: 88	240	)				Attr	1:					1												
Phone #: (57	hone #: (575) 264-9884 Fax #:								Add	ires	s:				1												
Project #: //	Project #: 15858 Project Owner: Goodnight Project Name: Jalapene CAP HGB out the Project Location: Rura Lee Co, NM Sampler Name: Migue I Kom Kr FOR LAB USE ONLY MATRIX								City	1:					1					1	1					1	
Project Name:	Toland CRP HEBO	of	kf	-					Sta			2	Zip:			2W		8							1	1	
Project Location	n: Rum Una CANM	-	-			_			-	one	#:		•		Chloride	TPH (8015M)	L	BTEX (8021B)								1	
Sampler Name:	Allove I Komiky		_	-	-				Fax						Ť	H		X									
FOR LAB USE ONLY			Г			MA	TRIX			PRE	SER	V.	SAMPLI	NG	1	₽		BT									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHEK:	DATE	TIME													
11	FL 22 (33'	C	17			Y			Τ		r	Ţ	4/26/20		r	x	L	r									T
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Б	FC 23(23'	Ц	Ц			1		-	-	+	1	4		_	11	11	-11		-	+	-	_		-	-	-	+
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alyses. All claims includ invice. In no event shall C filiates or successors aris cellinguished B Relinguished B Delivered By	) (m) <u>42622</u> Time: 1443	Re	d web at final i, rega i, rega	ed ual ation, i rdiess ved Ved	By: Sam	ende i me inter ether () ()	n weilin Iorrupti	g and one, to taim is co	base	ed by 6 me, or d upon	CHE(	al will f prof f the 1	hin 30 days after the incurred by of above stated res bours stated res	completion of t	he applica ries, as esult: It: S: CC		es fa	Sa	Ade		*			-rop		2	

Received by OCD: 6/14/2022 2:20:13 PM

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April 29, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/28/22 14:59.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: WW 3 (H221760-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-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	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.7	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 26 @ 1' (H221760-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: SW 1 (H221760-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.2	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: SW 2 (H221760-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.2	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 27 @ 1' (H221760-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.3	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 28 @ 2' (H221760-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.6	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: EW 2 (H221760-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: WW 4 (H221760-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.1	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: WW 5 (H221760-09)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.3	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/28/2022	Sampling Date:	04/28/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: NW 3 (H221760-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	04/29/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.0	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

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

#### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

Project Name: Talapaño CRP HGB outles

Rural Lea Co, MM Migue (Rominec

Sample I.D.

Etech Environmental & Safety Solutions, Inc.

State: NM

Fax #:

Zip: 88240

Project Owner: Goodnight

G)RAB OR (C)OMP

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alyses. All claims including these 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 appl

Received By:

**Received By:** 

Date:

4:28

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mance of services hereunder by Cardinel, regardless of whether such claim is based upon any of the above stated r

Sample Condition

Yes Yes

Cool Intact

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VASTEWATER

SOIL

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Lab I.D. 4221760

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**Company Name:** 

City: Hobbs

Project #: /5858

**Project Location:** 

Sampler Name:

FOR LAB USE ONLY

Phone #:

Project Manager: Joel Lowry

(575) 264-9884

Wr. 13 FLOG PI'

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EW2 WW4

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NW3

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FL2IPI'

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Address: 2617 W Marland

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

CHECKED BY:

(Initials)

BILL TO

Zip:

SAMPLING

DATE

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TIME

amount paid by the client for t

ns or otherwise

Fax Result:

REMARKS:

Phone Result:

□ Yes

C Yes

D No

O No

Add'l Phone #:

Add'I Fax #:

Duar

Please email results and copy of CoC to pm@etechenv.com.

Company Good night

P.O. #:

Attn:

City:

State:

Fax #:

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FORM-006 **Revision 1.0** 

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May 02, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 13:42.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: SW 3 (H221780-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.0	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: EW 3 (H221780-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: NW 4 (H221780-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 29 @ 1' (H221780-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 30 @ 1' (H221780-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 31 @ 1' (H221780-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.6	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 32 @ 1' (H221780-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-1-		0							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	C28-C36 <10.0 10.0		04/30/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 33 @ 1' (H221780-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
urrogate: 4-Bromofluorobenzene (PID 102 % 69.9-1-		0							
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.1	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 34 @ 1' (H221780-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-1-		0							
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	yte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/02/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: EW 4 (H221780-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.09	104	2.00	1.81	
Toluene*	<0.050	0.050	04/29/2022	ND	2.06	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	1.98	98.8	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.14	102	6.00	1.87	
Total BTEX	<0.300	0.300	04/29/2022	ND					
rogate: 4-Bromofluorobenzene (PID 99.5 % 69.9-14		0							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2022 ND		432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2022	ND	193	96.3	200	8.00	
DRO >C10-C28*	<10.0	10.0	04/30/2022	ND	185	92.5	200	3.99	
EXT DRO >C28-C36	DRO >C28-C36 <10.0 10.0		04/30/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

### **Cardinal Laboratories**

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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May 03, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 05/02/22 15:52.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 35 @ 3' (H221811-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID 100 % 69.9-14		0							
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/03/2022	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	Qualifie
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	17.6	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0 10.0		05/03/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: FL 36 @ 3' (H221811-02)

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	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	0.057	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/03/2022	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	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	19.3	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	104 % 66.9-13		6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 37 @ 3' (H221811-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	21.8	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 38 @ 3' (H221811-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	13.9	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.0	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 39 @ 3' (H221811-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 40 @ 3' (H221811-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 41 @ 3' (H221811-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/02/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	14.5	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 66.9-13	6						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 42 @ 3' (H221811-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	188	94.2	200	8.09	
DRO >C10-C28*	15.0	10.0	05/03/2022	ND	188	94.1	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	117 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 43 @ 3' (H221811-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 44 @ 3' (H221811-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 45 @ 3' (H221811-11)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 46 @ 3' (H221811-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/03/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: NW 5 (H221811-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2022	ND	416	104	400	0.00	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	10.1	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: NW 6 (H221811-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/02/2022	Sampling Date:	05/02/2022
Reported:	05/03/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: EW 5 (H221811-15)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	101	2.00	0.589	
Toluene*	<0.050	0.050	05/03/2022	ND	2.00	100	2.00	0.420	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.92	96.1	2.00	0.445	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	5.97	99.5	6.00	0.544	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	201	100	200	0.437	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	190	95.2	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 18 of 19

Company Name	(575) 393-2326 FAX (575) 393-	410	-	-	-	-	T		BI	LL TO		-	-		ANALYSI	REOL	IEST	
	e: Clech thvironmental						t	2.0. #:	DI	E IV								1
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City: 406 6		) 210	00	02	40	_	-	ttn:	_									
Phone #:	Fax #:	0		1	, 1		-1	ddress:										
Project #: 1/38	58 Project Own Jalleparo CRP HGB C	er Ca	ad	ng	ht			ity:										
Project Name:	Jallepiro CFP HGB C	Uti	et				-1	state:	-	Zip:								
Project Locatio	: Risa Les CONA	-				_	-1	hone #:										
FOR LAB USE ONLY	- 1/4, 40e/ 1.9m ( 200	-	-	-	MA	TRIX	_	ax #:	=pvI	SAMP	IING	C						
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Lab I.D.	Sample I.D.	C(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME	copieola	Cole+	TOT				
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LEASE NOTE: Liability a	and Damages. Cardiffil's liability and client's exclusive remedy to	r any clair		ng whet	her bese	in con	ract or	lort, shell be li	inited to	the amount paid	by the client for	the						_
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Sampler - LIPS	Bus - Other: Corrected Temp. 9	C	10	1	2 Ye		Yes	CN	and	(10)	Thermomet	er ID a	113			Yes	Guadition 10	and a

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



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 19 of 19

101 East Mariand, Hobbs, NM 88240

Company Name:	ETech Environmental		BILL TO	)		ANALYSIS REQUEST
Project Manager:	Joel Lowry		P.O. #:			
Address: 2617	7 Marland		Company: Goodn	alt	]	
city: Hobbs	State: N	W Zip: 88240	Attn:	)		
Phone #:			Address:			
Project #: 1585	58. Project Ow	ner: Goodnig ht	City:			
Project Name:	Fax #: 58, Project Ow Talapeño CRP Habe Terra / lea Co NM Miguel Pamiez	attet	State: Zip:			
Project Location:	Rurallea Co NM		Phone #:			
Sampler Name:	Miguellamiez		Fax #:			
FOR LAB USE ONLY	0		PRESERV. SA	MPLING	8	
Lab I.D. H221811 11 12 13 14 15 E	Sample I.D.	CGROUNDWATER # CONTAINERS GROUNDWATER WASTEWATER Soll OIL			Chlor. BTEX	
	1 45@ 3' FL 46@3' NW5 W6 W6		X 5/2/2	7	XXX	
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14	JWL					
15 E	WS		VV		VVV	
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	Damages. Cardinal's liability and client's exclusive remedy					
service. In no event shall Card	those for negligence and any other cause whateoever sha final be liable for incidental or consequental earnages, incl out of or related of the performance of services hereunder	iding without limitation, business interruptions	s, loss of use, or loss of profils incurred l	y client, its subaidia	aries,	
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Released to Imaging: 6/16/2022 12:26:12 PM



May 06, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 05/05/22 13:12.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: NW 7 (H221885-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	69.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.6	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: EW 5 (H221885-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.7	% 59.5-14	2						

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#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: EW 6 (H221885-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.1	% 59.5-14	2						

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#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: EW 7 (H221885-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	75.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.3	% 59.5-14	2						

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#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: SW 4 (H221885-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	67.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	67.9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: SW 5 (H221885-06)

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.7	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: SW 6 (H221885-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731	
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	68.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.3	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WW 6 (H221885-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/05/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.0	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 47 @ 3' (H221885-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
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	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	68.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.3	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 48 @ 3' (H221885-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	199	99.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	215	107	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	67.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	66.9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 49 @ 3' (H221885-11)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 50 @ 3' (H221885-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.1	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 51 @ 3' (H221885-13)

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 52 @ 3' (H221885-14)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 53 @ 3' (H221885-15)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.4	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 54 @ 3' (H221885-16)

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	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
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	05/06/2022	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	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 55 @ 3' (H221885-17)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/06/2022	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	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.9	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 56 @ 3' (H221885-18)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	05/06/2022	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	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 57 @ 3' (H221885-19)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.92	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	108	2.00	6.97	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.06	103	2.00	6.95	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.37	106	6.00	6.94	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	05/06/2022	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	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.7	% 59.5-14	2						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager


## **Notes and Definitions**

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

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101	East	Marland	l, Hot	obs, f	M	88240
(5	75) 3	93-2326	FAX	(575)	39	3-2476

Company Name	e: Elech Envronmental						T			BI	LL	TO					ANALYS	IS F	REQ	JEST			
Project Manage	Pr: JOP ( (O) IVI	_					1	P.O.	<b>#:</b>									T	T	T			
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City: Hobb	5 State: NW	) Zip	7	324	0		1	Attn:			ŀ		0										
Phone #:							4	Addr	ess														
Project #: 15	858 Project Owne	C	10	dni	ah	X	0	City:															
	858 Project Owner Jalapung CRP HGB a	It	lot	/	0.		0	State			Zip:												
Project Locatio	m: Rya Len CO, NM						F	Phon	e #:	:													
Sampler Name:		91	/	-			F	ax i	k:														
FOR LAB USE ONLY	0		Г		MA	RIX	-	PI	RES	ERV.		SAME	PLING	5									
<b>Lab I.D</b> .	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	X ICE / COOL	OTHER :	D	ATE	TIME	chloride	BTEX	Try							
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

200-2	
of 208	CARDINAL
183	Laboratories
Page	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2	476																						
Company Name		te	6							B	IL	LTO						ANA	LYSIS	SR	EQU	EST		
Project Manage	Toel Lowry							P.0	). #:								T				T	T		
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City: HOBE	5 State: N/	5Zip	80	82	40	)		Attr		-	~		~											
Phone #: //2	Fax #:		_			1		Add	dres	s:														
Project #: 13	858 Project Own	er: G	100	de	ight	F		City	<i>ı</i> :															
Project Name:	Jalapeño CRP CAGI	30	uh	al				Sta	te:		Zi	ip:												
Project Locatio	Fax #: 858 Project Own Jalapeño CRP @AGE m: RUAL (La Co, NM Miguel (amison)			-/				Pho	one	#:											1			
Sampler Name	Mauel Panson							Fax	#:															
FOR LAB USE ONLY	J	T			MA	TRD	(		PRE	SERV	4	SAMP	LING											
<b>Lab I.D</b> . HZZ1885	Sample I.D.	(G)RAB OR (C)OMF	N 1	æ	WASTEWATER SOIL		SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :		DATE	TIME	Chlorides	BTEN	Adt	1							
11	FL 49 @3'	C	1		X					X	5	5/5/22		X	X	X								
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May 11, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 15:20.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/11/2022	Sampling Type:	Solid
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: FL 7 @ 6' (H221980-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	1.86	
Toluene*	<0.050	0.050	05/10/2022	ND	2.11	105	2.00	1.86	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.37	106	6.00	2.64	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	210	105	200	2.69	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	200	100	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/11/2022	Sampling Type:	Solid
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 8 @ 6' (H221980-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	1.86	
Toluene*	<0.050	0.050	05/10/2022	ND	2.11	105	2.00	1.86	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.37	106	6.00	2.64	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	210	105	200	2.69	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	200	100	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/11/2022	Sampling Type:	Solid
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 35 @ 4' (H221980-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	1.86	
Toluene*	<0.050	0.050	05/10/2022	ND	2.11	105	2.00	1.86	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.37	106	6.00	2.64	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	210	105	200	2.69	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	200	100	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.8	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/11/2022	Sampling Type:	Solid
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 36 @ 4' (H221980-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	1.86	
Toluene*	<0.050	0.050	05/10/2022	ND	2.11	105	2.00	1.86	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.37	106	6.00	2.64	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	05/11/2022	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	05/10/2022	ND	210	105	200	2.69	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	200	100	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/11/2022	Sampling Type:	Solid
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: FL 37 @ 4' (H221980-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	1.86	
Toluene*	<0.050	0.050	05/10/2022	ND	2.11	105	2.00	1.86	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.37	106	6.00	2.64	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-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	05/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	210	105	200	2.69	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	200	100	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 BILL TO ANALYSIS REQUEST **Company Name:** Environ martel P.O. #: **Project Manager:** Joe lown Marland Address: 26/7 Company: 300 State: NM Zip: 88240 Attn: City: Fax #: Address: Phone #: Project Owner: Goodn in W Project #: /5858 City: Project Name: Jalapeto CR8 HGB OUTLet State: Zip: Project Location: Rural lun Co, NM Phone #: angel Remin Fax #: Sampler Name: SAMPLING MATRIX PRESERV FOR LAB USE ONLY G)RAB OR (C)ON GROUNDWATER CONTAINERS WASTEWATER Sample I.D. Lab I.D. ACID/BASE SLUDGE OTHER: OTHER SOIL HZZ1980 OIL DATE 5/10/22 TIME -67 Q6' U 370 ad in contract or tort, shall be limited to the emount paid by the client for the PLEASE NOTE: Liability and Demages. Cardinal's fiebility and client's exclusive remody for any claim arising whether be s. All clears including those for negligence and any other cause wheteoever shell 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries. ce of services hereunder by Cardinal, regerdless of whether such claim is b Verbal Result: D No Add'l Phone #: Relinge shed By Received By: □ Yes Date: 5-10-22 All Results age emailed. Please provide Email address: cheminon queekel, con Time: 1520 REMARKS: **Relinguished By:** Date: **Received By** ush Please Time: -Bacteria (only) Sample Condition Observed Temp. °C **Sample Condition** CHECKED BY: **Turnaround Time:** Standard Delivered By: (Circle One) Rush **Cool Intact** Observed Temp. °C Cool Intact (Initials) Yes Yes Corrected Temp. \*C 5.6 Sampler - UPS - Bus - Other: Thermometer ID #113 -0 Correction Factor -0.5°C Corrected Temp. °C

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

ORM-000 R 3.2 10/0/12



May 17, 2022

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

RE: JALAPENO CRP HGB OUTLET

Enclosed are the results of analyses for samples received by the laboratory on 05/16/22 16:00.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

## Sample ID: NH 1 @ SURFACE (H222075-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/17/2022	ND	1.95	97.3	2.00	6.35	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.2	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.83	91.7	2.00	6.75	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/17/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	73.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.7	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

### Sample ID: NH 1 @ 1' (H222075-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.95	97.3	2.00	6.35	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.2	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.83	91.7	2.00	6.75	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/17/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: EH 1 @ SURFACE (H222075-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.95	97.3	2.00	6.35	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.2	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.83	91.7	2.00	6.75	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
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	05/17/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.6	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: EH 1 @ 1' (H222075-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.95	97.3	2.00	6.35	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.2	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.83	91.7	2.00	6.75	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/17/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.0	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: SH 1 @ SURFACE (H222075-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.95	97.3	2.00	6.35	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.2	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.83	91.7	2.00	6.75	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.6	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: SH 1 @ 1' (H222075-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 1 @ SURFACE (H222075-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.7	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 1 @ 1' (H222075-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.2	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 2 @ SURFACE (H222075-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.2	% 59.5-14							

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 2 @ 1' (H222075-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.8	% 59.5-14	2						

#### Cardinal Laboratories

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## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 3 @ SURFACE (H222075-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	05/16/2022	Sampling Date:	05/16/2022
Reported:	05/17/2022	Sampling Type:	Soil
Project Name:	JALAPENO CRP HGB OUTLET	Sampling Condition:	Cool & Intact
Project Number:	15858	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM - LEA CO NM		

#### Sample ID: WH 3 @ 1' (H222075-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	70.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.9	% 59.5-14	2						

#### Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 15 of 16

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ity: Hobbs	State: NM	Zip	: 882	40				Attr			K	, Main	190									1		
hone #: (575) 264-9884	Fax #:				_			Add	res	s:														
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roject Location: Pure	I Leve co, Non							Pho	one i	<b>k:</b>				Chloride	801		00							
ampler Name: Mia								Fax	#:					Ch	H		5							
OR LAB USE ONLY			П	T	M	ATRD	(		PRES	SERV	F	SAMPLI	NG		F									
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name		FAX (575) 393-2 ental & Safety Solu	-	Inc		-			2		RI	LL TO		-					YSIS	REQ	UEST		Page 1	
Project Manage		wry					_	1	P.O.	#:							j				T	T	T	٦
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ity: Hobbs		State: NM	Zip	: 88	240				Attn:			1=0-1		1				- 1						
Phone #: (57	5) 264-9884	Fax #:							Addr	ess:														
roject #:	5858	Project Owne	r: (	ac	de	lig	6		City:							-								
roject Name:	Jahpens (	RP HGP O	4	et		)			State	:		Zip:		8	TPH (8015M)	BTEX (8021B								
Project Location		eq co, NA							Phon	ie #:			_	Chioride	801	(80								
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LEASE NOTE: Lability an	d Damages, Cardinal's liability an	d client's exclusive remedy for a	ny clain	n arisin	a wheth	er base	d in con	tract o	or tort, sha	all be li	mited t	to the amount paid	by the client for	the								_		_
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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

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	116981
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jnobui	Deferral Request Approved.	6/16/2022

Action 116981