District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 S. First St., Artesia, NM 88210
 District III
 1000 Rio Brazos Road, Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2321948496
Incluent ID	IIAFF2321940490
District RP	
Facility ID	
Application ID	

### **Release Notification**

#### **Responsible Party**

Responsible Party: Permian Resources	OGRID: 372165
Contact Name: Montgomery Floyd	Contact Telephone: 432-425-8321
Contact email: montgomery.floyd@permianres.com	Incident # nAPP2321948496
Contact mailing address: 300 N. Marienfeld Suite 10000,	
Midland, Tx. 79701	

#### Location of Release Source

Latitude 32.35633\_

[NAD 83 in decimal degrees to 5 decimal places]

Site Name: Bridge State 28/29 CTB	Site Type: Production Facility
Date Release Discovered: 7/29/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
Ι	28	228	35E	Lea

Surface Owner: 🛛 State 🗌 Federal 🗌 Tribal 🗌 Private (*Name:\_\_\_\_\_* 

#### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls) 70	Volume Recovered (bbls) 57
Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 63
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ⊠ No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

During flowback a separator developed a threaded union union resulting in the spill release. The site will be remediated to state standards. Volumes were justified using the attached soil impact calculation tool.

Released to Imaging: 5/7/2024 11:37:34 AM

Was this a major       If YES,         release as defined by       The release         19.15.29.7(A) NMAC?       The release         Yes       No         If YES, was immediate notice give         Montgomery Floyd notified Mike <i>The responsible party must v</i> The source of the release has be         The impacted area has been see         Released materials have been of	ratcher and ocdenviro via email of <b>Initial Re</b> dertake the following actions immediately en stopped. ured to protect human health and ontained via the use of berms or d materials have been removed and	sible party consider the om? When and by when and by when and by when a spectrum of the environment. The environment of the en	hat means (phones were determined as a fety hazard that we are determined as a fety hazard that we are determined by the set of the	se? e, email, etc)? hed reportable. <i>vould result in injury</i> ment devices. y of a release. If remediation
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100,0	Title: Enviro	nmental Manager		
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email: montgomery.floyd@permia	A C	Date. 0 12	5	
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\*\*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*\*

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Date of Spill:	Site Soil Type:											
19484 96		BBL Water		wet soil depth oil (%)	1 in 50%	1 in 50%	6 in 50%	6 in 48%	6 in 0%		0 in 0%	0 in 0%
NAPP2521948490		BBL Oil	Total Area Calculations	length	X 30 ft X	X 115.ft X	X 20 ft X	X 60 ft X	X 40 ft X	X 0ft X	X 0ft X	X 0 ft X
Location of spill:		Average Daily Production:	Total A	Total Surface Area width	Rectangle Area #1 24 ft	Rectangle Area #2 120 ft	Rectangle Area #3 60 ft	Rectangle Area #4 108 ft	Rectangle Area #5 10 ft	Rectangle Area #6 0 ft	Rectangle Area #7 0 ft	Rectangle Area #8 0 ft

Porosity 0.16 gal per gal

Saturated	Saturated Soil Volume Calculations:						
		<u>H20</u>	oll		Soil Type	Po	Porosity
Area #1	720 sq. ft.	30 cu. ft.	30	cu. ft.	Clay	0	0.15
Area #2	13800 sq. ft.	575 cu. ft.	575	cu. ft.	Peat	0	0.40
Area #3	1200 sq. ft.	300 cu. ft.	300	cu. ft.	Glacial Sediments		0.13
Area #4	6480 sq. ft.	1,685 cu. ft.	1,555	cu. ft.	Sandy Clay	0	0.12
Area #5	400 sq. ft.	200 cu. ft.		cu. ft.	Silt	0	0.16
Area #6	0 sq. ft.	cu. ft.		cu. ft.	Loess	C	0.25
Area #7	0 sq. ft.	cu. ft.		cu. ft.	Fine Sand	0	0.16
Area #8	0 sq. ft.	cu. ft.		cu. ft.	Medium Sand		0.25
Total Solid/Liquid Volume:	22,600 sq. ft.	2,790 cu. ft.	2,460	cu. ft.	Coarse Sand		0.26
					Gravely Sand		0.26
Estimate	Estimated Volumes Spilled				Fine Gravel		0.26
		<u>H20</u>	<u>ol</u>		Medium Gravel		0.25
Liqu	Liquid in Soil:	79.5 BBL	70.1	BBL	Coarse Gravel		0.18
Liquid Re	Liquid Recovered :	0.0 BBL	<u>0.0</u>	BBL	Sandstone		0.25
					Siltstone	0	0.18
S	Spill Liquid	79.5 BBL	70.1	BBL	Shale	C	0.05
Total S <sub>k</sub>	Total Spill Liquid:	149.6	9		Limestone	0	0.13
					Basalt	C	0.19
Reco	Recovered Volumes				Volcanic Tuff		0.20
Estimated oil recovered:	0.0 BBL				Standing Liquids	luids	
Estimated water recovered:	0.0 BBL						

Released to Imaging: 5/7/2024 11:37:34 AM

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Released to Imaging: 5/7/2024 11:37:34 AM

Received by OCD: 3/12/2024 4:48:05 PM Form C-141 State of New Mexico

**Oil Conservation Division** 

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Incident ID	nAPP 2321948496
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>\$2-71</u> (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 not 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

Depth to water determination

Determination of water sources and significant watercourses within 1/2-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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Received by OCD: 3/12/20 Form C-141 Page 4	024 4:48:05 PM State of New Mexico Oil Conservation Division	1	Incident ID District RP Facility ID Application ID	Page 6 of
regulations all operators are a public health or the environm failed to adequately investiga	rmation given above is true and complete to the required to report and/or file certain release no ment. The acceptance of a C-141 report by the ate and remediate contamination that pose a the f a C-141 report does not relieve the operator of	otifications and perform of e OCD does not relieve the reat to groundwater, surf	corrective actions for rele be operator of liability sh- face water, human health	ases which may endanger ould their operations have or the environment. In
Printed Name:		Title:		
Signature:		_ Date:		
email:		Telephone:		
OCD Only				
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Page 5

Oil Conservation Division

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

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Incident ID	
District RP	
Facility ID	
Application ID	

## **Remediation Plan**

<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation poin</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.</li> <li>Proposed schedule for remediation (note if remediation plan times)</li> </ul>	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be co.	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around p deconstruction.	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 healt	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:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:

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Incident ID	nAPP 2321948496
District RP	· · · · · · · · · · · · · · · · · · ·
Facility ID	
Application ID	

## Closure

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

Closure Report Attachment Checklist: Each of the following in	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certair may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party or remediate contamination that poses a threat to groundwater, surface w party of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible r regulations.
Closure Approved by:	Date:
Printed Name:	Title:

## Remediation Summary & Soil Closure Request

Permian Resources Bridge State 29

Lea County, New Mexico Unit Letter "M", Section 28, Township 22 South, Range 35 East Latitude 32.35634 North, Longitude 103.37684 West NMOCD Reference No. nAPP2321948496

Prepared By:

Etech Environmental & Safety Solutions, Inc. 2617 W. Marland Hobbs, New Mexico 88240

MAth hu

Matthew Grieco

1201

Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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- Appendix B Field Data
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports
- Appendix E Electronic C-141 Supplement Figures

#### 1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources, has prepared this *Remediation Summary* & *Soil Closure Request* for the release site known as the Bridge State 29 (henceforth "Site"). Details of the release are summarized below:

Latitude: 32.35634 Longitude: -103.37684						
			vided GPS are in WGS84 fo			
lite Name:		Bridge State 29	Site Type:	Tank Battery	,	
Date Release Dis	covered:	· · · · · · · · · · · · · · · · · · ·	API # (if appli		J/A	
Unit Letter	Saati	on Townshin	Danga	County		
"M"	Section 28	1	Range 35E	County Lea		
Surface Owner:	X State		1 Private (Na and Volume of			
X Crude Oil	,	Volume Released (bbls)	70	Volume Recovered (bbls)	57	
X Produced W	Vater	Volume Released (bbls)	80	Volume Recovered (bbls)	63	
Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?				Yes X No	N/A	
Condensate Volume Released (bbls) Volume Recovered (bbls)						
Natural Gas	Natural Gas     Volume Released (Mcf)     Volume Recovered (Mcf)					
Other (desc	ribe)	Volume/Weight Released		Volume/Weight Recovered		
Cause of Releas During flowbac		ration developed in a threa	ded union resulting Initial Response			
				~		
		ease has been stopped.				
		as been secured to protect hu				
				absorbent pad, or other containmen	t devices	
	ids and re	ecoverable materials have b	een removed and man	naged appropriately.		

#### 2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)		
What method was used to determine the depth to groundwater?	Estimate or Other		
Did the release impact groundwater or surface water?	Yes X No		
What is the minimum distance between the closest lateral extents of the release and the following surface areas?			
A continuously flowing watercourse or any other significant watercourse?	> 5 (mi.)		
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<sup>1</sup> / <sub>2</sub> to 1 (mi.)		
An occupied permanent residence, school, hospital, institution or church?	1 to 5 (mi.)		
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	1 to 5 (mi.)		
Any other fresh water well or spring?	1 to 5 (mi.)		
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)		
A wetland?	<sup>1</sup> / <sub>2</sub> to 1 (mi.)		
A subsurface mine?	> 5 (mi.)		
A (non-karst) unstable area?	<sup>1</sup> / <sub>2</sub> to 1 (mi.)		
Categorize the risk of this well/site being in a karst geology.	Low		
A 100-year floodplain?	> 5 (mi.)		
Did the release impact areas not on an exploration, development, production or storage site?	Yes X No		

Searches of databases maintained by the NMOCD, New Mexico Office of the State Engineer (NMOSE), and United States Geological Survey (USGS) were conducted in an effort to determine the horizontal distance to known water sources within a halfmile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

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

#### 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
Between 51 and 75 (ft.)	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	-
	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**

Requesting a remediation plan approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date did, or will, the remediation commence?	12/20/2023
On what date will (or was) the remediation complete(d)?	1/26/2024
What was the total surface area (sq. ft.) that has or will be remediated?	22,330
What was the total volume (cy) that has or will be remediated?	4,260
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	X Yes No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes X No
(In Situ) Soil Vapor Extraction	Yes X No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes X No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes X No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Yes X No
Ground Water Abatement pursuant to 19.15.30 NMAC	Yes X No
Other (Non-listed remedial process)	Yes X No
Which OCD approved facility was or will be used for off-site disposal?	Northern Delaware Basin Landfill
NMOCD Disposal Facility ID?	fSL2019032229
Summarize any additional remediation activities not included by answers above.	See below

On December 20, 2023, remediation activities commenced at the Site. In accordance with NMOCD regulatory guidelines, impacted soil 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. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected from the floor and sidewalls of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	704	FL 7 @ 7.5' and FL 32 @ 2'	1/2/2024	7.5 and 2	Excavated
ТРН	433	FL5 @ 5.5'	1/2/2024	5.5	In-Situ
GRO+DRO	433	FL5 @ 5.5'	1/2/2024	5.5	In-Situ
Benzene	< 0.050	Almost all samples	1/2/24 to 1/15/24	0 to 8.5	In-Situ & Excavated
BTEX	<0.300	Almost all samples	1/2/24 to 1/15/24	0 to 8.5	In-Situ & Excavated

Please reference Table 1 for additional information.

On January 2, 2024, Etech collected 53 confirmation soil samples (FL 1 @ 3.5' through FL 42 @ 2', FL 45 @ 2', EW 1, EW 2, NW 1 through NW 3, SW 1 through SW 3, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples with the exception of samples FL 42 @ 2', FL 45 @ 2', and SW3. Chloride concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples with the exception of samples FL 32 @ 2'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 32 @ 2', FL 42 @ 2', FL 45 @ 2', and SW3.

On January 9, 2024, Etech collected 59 confirmation soil samples (FL 32 @ 3', FL 41 @ 2.5', FL 43 @ 2.5' through FL 61 @ 4', FL 63 @ 2' through FL 93 @ 2', EW 3, NW 4, SW 3 B, SW 4, WW 3, WW 3, and WW 4) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On January 10, 2024, Etech collected six (6) confirmation soil samples (FL 94 @ 2', FL 95 @ 2' through FL 97 @ 3', EW 4, and NW 5) from the floor and sidewalls of the excavated area. Etech also collected six (6) delineation soil samples (OSFL - 1 @ Surf through OSFL - 6 @ Surf) from the northern pasture area potentially impacted by very light overspray. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On January 15, 2024, Etech collected one (1) confirmation soil sample (FL 42 @ 3') from the floor of the excavated area. Etech also collected three (3) delineation soil samples (DEF - 1 @ 6", DEF - 1 @ 1', and SEH - 1) from the potentially impacted area adjacent to the well heads. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On January 17, 2024, Etech further excavated the areas represented by samples FL 7 @ 7.5', FL 9 @ 8', and FL 12 @ 8' and collected three (3) confirmation soil samples (FL 7 @ 8.5', FL 9 @ 8.5', and FL 12 @ 8.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that chloride concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 20 to 175 feet in length, 35 to 240 feet in width, and 1.5 to 8.5 feet in depth. During the course of remediation activities, Etech transported approximately 4,260 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 4,220 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site and Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Electronic C-141 supplementary figures are provided as Appendix E.

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

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	X Yes No
What was the total surface area (sq. ft.) reclaimed?	22,330
What was the total volume (cy) reclaimed?	3,504
What is the total surface area (sq. ft.) that will <i>eventually</i> be reclaimed?	0
What is the total volume (cy) that will <i>eventually</i> be reclaimed?	0

The release was limited to an active production pad. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected areas were compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Final reclamation and re-vegetation will be conducted upon decommissioning and abandonment of the facility.

#### 6.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	Yes	X No
Requesting a remediation closure approval with this submission?	X Yes	No

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends Permian Resources provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Bridge State 29 release site.

#### 7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced 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 Permian Resources. Use of the information contained in this report is prohibited without the consent of Etech and/or Permian Resources.

#### 8.0 **DISTRIBUTION**

Permian Resources

300 N. Marienfeld St. Suite 100 Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

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

Hobbs Field Office New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

## Figure 1 Topographic Map

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## Figure 2 Aerial Proximity Map





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## Figure 3 Site and Sample Location Map

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

			G		Tabl						
			Concen		f BTEX, T		Chloride i	n Soil			
				]	Permian R						
				NMOCI	Bridge S		040407				
NMO	CD Classes C				) Ref. #: n	APP2321	948496	4 0 0 0			10.000
	CD Closure C			10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard	1	10	50	-	-	-	-	100	600
				SW 840	5 8021B			846 8015M			4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		()	~	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
FL 1 @ 3.5'	1/2/2024	3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	384
FL 2 @ 4.5'	1/2/2024	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 3 @ 5.5'	1/2/2024	5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 4 @ 5.5'	1/2/2024	5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 5 @ 5.5'	1/2/2024	5.5	In-Situ	< 0.050	< 0.300	<10.0	433	433	<10.0	433	176
FL 6 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 7 @ 7.5'	1/2/2024	7.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 7 @ 8.5'	1/17/2024	8.5	In-Situ	-	-	-	-	-	-	-	144
FL 8 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 9 @ 8'	1/2/2024	8	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 9 @ 8.5'	1/17/2024	8.5	In-Situ	-	-	-	-	-	-	-	160
FL 10 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	379	379	<10.0	379	192
FL 11 @ 7.5'	1/2/2024	7.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 12 @ 8'	1/2/2024	8	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 12 @ 8.5'	1/17/2024	8.5	In-Situ	-	-	-	-	-	-	-	144
FL 13 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 14 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 15 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 16 @ 8'	1/2/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 17 @ 4'	1/2/2024	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 18 @ 5'	1/2/2024	5	In-Situ	< 0.050	< 0.300	<10.0	10.8	10.8	<10.0	10.8	400
FL 19 @ 1.5'	1/2/2024	1.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 20 @ 1.5'	1/2/2024	1.5		< 0.050	< 0.300	<10.0	10.5	10.5	<10.0	10.5	384
FL 21 @ 1.5'	1/2/2024	1.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 22 @ 1.5'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 23 @ 1.5'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 24 @ 1.5' FL 25 @ 1.5'	1/2/2024	1.5	In-Situ In-Situ	<0.050 <0.050	<0.300	<10.0 <10.0	<10.0	<20.0 27.8	<10.0 <10.0	<30.0	96.0 304
FL 25 @ 1.5 FL 26 @ 1.5'	1/2/2024	1.5 1.5	In-Situ In-Situ	< 0.050	<0.300 <0.300	<10.0	27.8 <10.0	<20.0	<10.0	27.8 <30.0	304 144
FL 20 @ 1.3 FL 27 @ 2.5'	1/2/2024 1/2/2024	2.5	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 27 @ 2.5 FL 28 @ 2.5'	1/2/2024	2.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 29 @ 2.5'	1/2/2024	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 30 @ 1.5'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 31 @ 2'	1/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 32 @ 2'	1/2/2024	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 32 @ 3'	1/9/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 33 @ 2'	1/2/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 34 @ 2.5'	1/2/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 35 @ 2'	1/2/2024	2	In-Situ	< 0.050	< 0.300	<10.0	12.5	12.5	<10.0	12.5	176
FL 36 @ 2'	1/2/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 37 @ 2.5'	1/2/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

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			C		Tabl		Chine the t	. 6. 1			
			Concer		of BTEX, T Dominian D		Chloride i	n Soll			
				1	Permian F						
				NMOCI	Bridge S D Ref. #: n		048406				
NMO	CD Closure C	riteria		10	50 Ster	AII 2321	740470	1,000	[	2,500	10,000
-	Reclamation			10	50	-	-	1,000	-	100	600
	Rechamation	Standard			5 8021B	-		- 7 846 8015M I	- Fxt	100	4500 Cl
		Depth	Soil	511 04	, 0021D	CDO		GRO +		TDU	4500 CI
Sample ID	Date	(Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
FL 38 @ 2.5'	1/2/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 39 @ 2.5'	1/2/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 40 @ 2'	1/2/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 41 @ 2'	1/2/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 41 @ 2.5'	1/9/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 42 @ 2'	1/2/2024	2	Excavated	< 0.050	< 0.300	<10.0	193	193	33.1	226	352
FL 42 @ 3'	1/15/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 43 @ 2.5'	1/9/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 44 @ 3'	1/9/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 45 @ 2'	1/2/2024	2	Excavated	< 0.050	< 0.300	<10.0	222	222	37.7	260	336
FL 45 @ 2.5'	1/9/2024	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 46 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 47 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 48 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 49 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 50 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	62.5	62.5	<10.0	62.5	80.0
FL 51 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 52 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 53 @ 3'	1/9/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 54 @ 5'	1/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 55 @ 5'	1/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 56 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 57 @ 4'	1/9/2024	4		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 58 @ 5'	1/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 59 @ 5'	1/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 60 @ 4'	1/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 61 @ 4'	1/9/2024	4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 63 @ 2'	1/9/2024	2	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 64 @ 3'	1/9/2024	3	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 65 @ 3'	1/9/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 66 @ 3'	1/9/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 67 @ 3'	1/9/2024	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 68 @ 3'	1/9/2024	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 69 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 70 @ 2' FL 71 @ 2'	1/9/2024	2	In-Situ In-Situ	<0.050 <0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 71 @ 2' FL 72 @ 2'	1/9/2024	2			<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 72 @ 2' FL 73 @ 2'	1/9/2024	2	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0 96.0
FL 73 @ 2 FL 74 @ 2'	1/9/2024 1/9/2024		In-Situ In-Situ	<0.050		<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	96.0 80.0
FL 74 @ 2 FL 75 @ 2'	1/9/2024	$\frac{2}{2}$	In-Situ In-Situ	<0.050	<0.300 <0.300	<10.0	<10.0	<20.0	<10.0	<30.0	
FL 75 @ 2 FL 76 @ 2'	1/9/2024	2	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL /0 @ 2	1/9/2024	2	m-situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

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			_	_	Tabl						
			Concen				Chloride i	in Soil			
				]	Permian R						
				NMOCI	Bridge S D Ref. #: n		048406				
NMO	CD Closure C	riteria		10	50 Ster		940490	1,000	-	2,500	10,000
	Reclamation			10	50	-	_	1,000		100	600
					5 8021B			7 846 8015M	Ext.	100	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)
FL 77 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 78 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 79 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 80 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	10.5	10.5	<10.0	10.5	128
FL 81 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 82 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 83 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 84 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 85 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 86 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 87 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 88 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 89 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 90 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 91 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 92 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 93 @ 2'	1/9/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 94 @ 2'	1/10/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 95 @ 2'	1/10/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 96 @ 3'	1/10/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 97 @ 3'	1/10/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
OSFL - 1 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
OSFL - 2 @ Surf		0		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
OSFL - 3 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
OSFL - 4 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
OSFL - 5 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
OSFL - 6 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 1	1/2/2024	0-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 2	1/2/2024	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
EW 3	1/9/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 4	1/10/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 1	1/2/2024	0-8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 2	1/2/2024	0-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 3	1/2/2024	0-2	In-Situ	<0.050	<0.300	<10.0	26.9	26.9	<10.0	26.9	432
NW 4	1/9/2024	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
NW 5	1/10/2024	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 1	1/2/2024	0-4.5	In-Situ	<0.050	<0.300	<10.0	37.8	37.8	<10.0	37.8	192
SW 2	1/2/2024	0-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW 3	1/2/2024	0-2.5	Excavated	<0.050	<0.300	<10.0	103	103	<10.0	103	352
SW 3 B	1/9/2024	0-2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 4	1/9/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	11.2	11.2	<10.0	11.2	176

Dash (-): Sample not analyzed for that constituent. Bold: NMOCD Closure Criteria exceedance.

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

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			Comoon	tuations	Tabl of BTEX, 7		Chlorida	n Soil			
			Concen		Permian F	ŕ	Cilloride	11 5011			
				1							
				NMOCI	Bridge S		040407				
	<u></u>				D Ref. #: n	APP2321	948496				
	CD Closure C			10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard	-	10	50	-	-	-	-	100	600
				SW 840	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)
WW 1	1/2/2024	0-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 2	1/2/2024	0-8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW 3	1/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW 3	1/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 4	1/9/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	12.9	12.9	<10.0	12.9	240
DEF - 1 @ 6"	1/15/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
DEF - 1 @ 1'	1/15/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SEH - 1	1/15/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

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## Appendix A Depth to Groundwater Information

Received by OCD: 3/12/2024 4:48:05 PM

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Released to Imaging: 5/7/2024 11:37:34 AM



10/31/23 1:31 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

		(quarters are 1=NW 2=N (quarters are smallest to	,	(NAD83 UTM in meters)	
Well Tag	POD Number CP 00594 POD1	<b>Q64 Q16 Q4 Sec</b> 2 1 34	Tws         Rng           22S         35E	X Y 654553 3580819*	
<sup>x</sup> Driller Lic Driller Na		Driller Company:	UNKNOWN	1	
Drill Start	Date:	Drill Finish Date:		Plug Date:	
Log File D	ate:	PCW Rev Date:		Source:	Shallow
Pump Typ	e:	Pipe Discharge Size:		<b>Estimated Yield:</b>	3 GPM
Casing Siz	e: 6.63	Depth Well:	98 feet	Depth Water:	

\*UTM location was derived from PLSS - see Help

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

10/31/23 1:31 PM

POINT OF DIVERSION SUMMARY

**Received by OCD: 3/12/2024 4:48:05 PM** 

IMPORTANT --- READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

# 1039J Declaration of Owner of Underground Water Right

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Revised December 1975

Declaration No.       C2-594       Date receivedApril 1.17, 1975 1113         STATEMENT       STATEMENT       STATE ENGINEER OF         I. Name of Declarate       THE MERCHIANT LIVERSTOCK COMPANY       Statt A FC, N.M. 87         Convey of			IN NAME	19 AP8 24	PH 2
1. Name of Declarant       THE MERCHART LIVESTOCK COMPANY       SUBJE 2 MONTA FE, N.M. 87         County of       Eddy       Santa fe, N.M. 87         2. Source of water supply       Shallow       (artestan or challow water aquifer)         3. Decribe well location under one of the following authorizing:       (artestan or challow water aquifer)         3. Decribe well location under one of the following authorizing:       (artestan or challow water aquifer)         5. Decribe well location under one of the following authorizing:       (artestan or challow water aquifer)         6. Trac No.       of Map No.       of the         c 2. Xim       (artestan or challow water aquifer)       (artestan or challow water aquifer)         a.       In the       (artestan or challow water aquifer)         a.       In the       (artestan or challow water aquifer)         c 3.       In the       (artestan or challow water aquifer)         a.       In the       (fet, N.M. Coordinate System	Declaration No. <u>CP-594</u>	<u> </u>	Date received <b>Ap</b>	ril 17, 1979	111.3
Maine Address P.O. Eox 548. Carlsbad CALLATEL.N.87 County of Bddy State of New Maximum Careation or shallow water aquifer) 3. Deverthe well location under one of the following mathematica: a <u>4 NB 4 NB 4 NB 4 Careation or shallow water aquifer)</u> 3. Deverthe well location under one of the following mathematica: a <u>4 NB 4 NB 4 NB 4 Careation or shallow water aquifer)</u> b. Tract No				STATE ENGL	
County of	1. Name of Declarant THE M	ERCHANT LIVES	TOCK COMPANY	SANTA FF	NM 975
2. Source of water supply					
2. Describe well location under one of the following backdags:         a       W. NE       W. Woll Sec.       34. Twp			_, State ofNew	Mexico	
a WNE WNK of sec31 Twp22.S. Rgc35 E N.M.P.M. Loa O'Mep No of the O'		(artes	sian or shallow water aqu	nifer)	
C. X	a ¼ <u>NE</u> ¼			- <b>-</b>	
in the	b. Tract No of Ma	ap No c	of the		
4. Description of well: date drilled 1911 driller depth 981 fer outside diameter of casing 5/Binches; original capacity gal. per min.; present capacity 3 gal. per min.; pumping liffeet; static water level 77feet (above) (below) land surface; make and type of pump	in the				Zon Grant
outside diameter of casingBlinches; original capacitygal. per min.; present capacity					
pal. per min.; pumping liftfeet; static water level_77feet (above) (below) land surface; make and type of pump	outside diameter of casing $65$	<u>18</u> inches; original cap	acitygal. pe	r min.; present capacity_	3
make and type of pump					
make, type, horsepower, etc., of power plant					
Fractitional or percentage interest claimed in well 100  2. Quantity of water appropriated and beneficially used up to 3  for stock water  stock water  stock water  stock water  stock only the boost of the stock only independent  stock only the boost of the stock only  stock only  stock only the boost of the stock only  sto					
5. Quantity of water appropriated and beneficially used	make, type, horsepower, etc., o	f power plant			····
intermediate       (acce feet per annum)         for	Fractitional or percentage inter	est claimed in well	100%		
for       Stock water       purpose         6. Acreage actually irrigated       acres, located and described as follows (describe only lands actually irrigate         Subdivision       Sec.       Twp.       Range       Irrigated       Owner	5. Quantity of water appropriated a	nd beneficially used	· · · · · · · · · · · · · · · · · · ·	up to 3	
6. Acreage actually irrigated acres, located and described as follows (describe only lands actually irrigate Subdivision Sec. Twp. Range Irrigated Owner 	for stock water		(XXXXXXXXXXXXXX)	(acre feet per an	
Subdivision       Sec.       Twp.       Range       Irrigated       Owner	6. Acreage actually irrigated	acres, located and	described as follows (d	escribe only lands actual	
Subdivision       Sec.       Twp.       Renge       Irrigoted       Owner		·		,,	.,
(Note: location of well and acreage actually irrigated must be shown on plot on reverse tide.) 7. Water was first applied to beneficial use	Subdivision	Sec. Twp.		Owner	
(Note: location of well and acreage actually irrigated must be shown on plot on reverse tide.)         7. Water was first applied to beneficial use			stock only	The Merchant	Livest
month       day       year       mail of mail of the above described lands or for the above described purposes excer         as follows:       mail of the above described lands or for the above described land sworn to be for not for the above described lands or for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described lands or for the above described lands or for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not for the above described land sworn to be for not	(Note: location of we	Il and acreage actually irr	igated must be shown on pl	at on reverse side.)	
month       day       year       Filled         has been used fully and continuously on all of the above described lands or for the above efficience process exceptions       interview         as follows:       interview       interview         interview       interview	7. Water was first applied to benefi				ice that time
8. Additional statements or explanations <u>name of well - Dees</u> <u>1. J. D. Merchant underse President</u> depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat depose and say that the above in a first duly sworn upon my oat the same are true to the best of my knowledge and belief. THE MERCHANT LIVESTOCK CO. , declaran by: <i>Defendent</i> , Jr. President day of April A. A.D. 19-70 My commission expires Martificion 1980 UNDER New MEXICO LAW A DIO ANTION STATEMENT OF DECLARANTS EXPLORED THE MERCHARMENT OF DECLARANTS My commission expires FOR FILLING DOES NOI CONSULTA STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A STATEMENT OF DECLARANTS A DEFINING FOR FILLING DOES NOI CONSULTA A		ously on all of the above	e described lands or for	the above geseribed purp	oses except
8. Additional statements or explanations         name of well - Dees         I, J. D. Merchant         Additional statements or explanations         I, J. D. Merchant         Image: Subscribed and sworn to being mither of the statement prepared in accordance with the instructions on the verse side of this form single of the sing and that the same are true to the best of my knowledge and belief.         THE MERCHANT LIVESTOCK CO, declarate by:         Bubscribed and sworn to being mither of the single of the s	as follows:				
8. Additional statements or explanations					
<u>I, J. D. Merchant</u> <u>I, J. D. Merchant</u> <u>I (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)</u>					5
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Subscribed and sworn to before methics of Leth My commission expires Marchine 2001 1980 UNDER NEW MEXICO LAW A DOLLARIANTS ACCEPTANCE FOR FILING DOES NOI CONSILIUTE APPROVAL OF DECLARANTS		1 2 3	/12 W	chant h	_,
My commission expires Marchine 2001 1980 UNDER NEW MEXICO LAW A DICHARMENT OF DECLARANTS ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OF DECLARANTS	Subscribed and sworn to before me	his Iath	D. Merch		
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ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE	UNI	DER NEW MEXICO LANK	A DECLOSATION FILED		
	۵۵۵ maging: 5/7/2024 11:37:34 AM	EPIANCE FOR FILING	DOES NOT CONSTITUTE	A STATEMENT OF DE	CLARANT IN OF TH

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) ....., Township ....., Range \_\_\_\_

... N. M. P. M.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal. or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 21/2 acre subdivision. If located on unsurveyed lands. describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

.



#### April 17, 1979

Files: CP-584; CF-583; CP-586; CP-587; CF-588; CF-589; CP-590; CP-591; CP-592; CP-593; CP-594; CP-595; CP-596; CP-597; CP-598; CP-599; CP-600; CP-601; CP-602

The Merchant Livestock Company P. O. Box 548 Carlabad, DK 88220

Gentlemen:

Unclosed are your copies of Declarations of Owner of Underground Dater Night as numbered above, which have been filed for record in the office of the State Engineer.

Please refer to each individual number in all future correspondence concerning these declarations.

The filing of these declarations does not indicate affirmation or rejection of the statements contained therein.

Yours very truly,

J. C. Groseclose Basin Supervisor

JCG/fh Encls. cc: Janta Fe

and the second second



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

		(quarters are 1=NW 2= (quarters are smallest			(NAD83 U	TM in meters)	
Well Tag	<b>POD Number</b> CP 00595 POD1	<b>Q64 Q16 Q4 Set</b> 2 2 20		Rng 35E	<b>X</b> 652089	Y 3584000* 🥌	
<sup>x</sup> Driller Lic Driller Na		Driller Company:	UN	KNOW	N		
Drill Start	Date:	<b>Drill Finish Date:</b>			Pl	ug Date:	
Log File D	ate:	PCW Rev Date:			So	urce:	Shallow
Pump Typ	e:	Pipe Discharge Size	:		Es	timated Yield:	2 GPM
<b>Casing Siz</b>	e: 6.63	Depth Well:	9	6 feet	De	epth Water:	

\*UTM location was derived from PLSS - see Help

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

10/31/23 1:31 PM

POINT OF DIVERSION SUMMARY

Declaration of Own	ner of Underg	ground wate	er Kight
	BASIN NAME		清竹的 水云 二
Declaration No. <u>CP-595</u>	Date received	<u>April 17, 19</u>	ight in 20 P
	STATEMENT	CT 4	**** <b>**</b> **
1. Name of Declarant THE MERCHA		ANY SIA	TE ENGINEE ANTA FE. N.M
Mailing Address P.O. Box 5 County of <u>Eddy</u>			
2. Source of water supply shallo			
3. Describe well location under one of the follow	ving subheadings:		
a ¼ <u>NE</u> ¼ <u>NE</u>	<u>4 of Sec.</u> <u>20</u> Tv County.	/p. <u>22 S</u> Rge. <u>3</u> 5	<b>E</b> N.M.P.M.,
b. Tract No.       of Map No.         c. X =       feet, Y =			
in the			
On land owned by			
4. Description of well: date drilled			
outside diameter of casing 6 5/8nch			
gal. per min.; pumping liftfeet;	-		e;
make and type of pump			- 1911.9
make, type, horsepower, etc., of power			
Fractitional or percentage interest clain	ned in well <b>100%</b>		
5. Quantity of water appropriated and bene	ficially used	up to xxxxx (acre feet p	<b>3</b> er annum)
forstock water			purpose
	stoc		hant Live
		· · · · · · · · · · · · · · · · · · ·	
		2 -	
(Note: location of well and a	creage actually irrigated must be s	nown on plat on reverse ide.)	
7. Water was first applied to beneficial use	eday		nd since that tin
<ol> <li>Water was first applied to beneficial use has been used fully and continuously on</li> </ol>	e	1936 year ds or for the above described	nd since that tin
7. Water was first applied to beneficial use	e	1936 year ds or for the above described	nd since that tin
<ol> <li>Water was first applied to beneficial use has been used fully and continuously on</li> </ol>	e	1936 year ds or for the above described	nd since that tin
<ol> <li>Water was first applied to beneficial use has been used fully and continuously on</li> </ol>	e	1936 year ds or for the above described	nd since that tin
<ol> <li>Water was first applied to beneficial use has been used fully and continuously on</li> </ol>	e <u>month</u> day a all of the above described lan	1936 a year S ds or for the above described	nd since that tin
7. Water was first applied to beneficial use has been used fully and continuously on as follows:	e month day n all of the above described lan	1936 a year S ds or for the above described	nd since that tin
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously on as follows:</li> <li>8. Additional statements or explanations</li> </ul>	e month day n all of the above described lan	1936 a year S ds or for the above described	nd since that tin
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously on as follows:</li> <li>8. Additional statements or explanations</li> </ul>	e month day n all of the above described lan	1936 a year S ds or for the above described	nd since that tim
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously or as follows:</li> <li>8. Additional statements or explanations</li> <li>name of well - Cott</li> </ul>	month day a all of the above described lan	1936 a year a ds or for the above described	nd since that tin
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously or as follows:</li></ul>	month day all of the above described lan con President	<u>1936</u> year ds or for the above described	nd since that tin purposes excep
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously or as follows:</li></ul>	month day all of the above described lan con President	<u>1936</u> year ds or for the above described	nd since that tin purposes excep
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously or as follows:</li> <li>8. Additional statements or explanations</li> <li>name of well - Cott</li> </ul>	<u>month</u> day all of the above described lan all of the above described lan <u>president</u> and complete statement prepare by dence of ownership of a val therein and that the same are	<u>1936</u> year ds or for the above described being first duly sw d in accordance with the ins id underground water right, t rue to the best of my knowle	nd since that time d purposes exception of the second second second porn upon my oat tructions on the hat I have carefu dge and belief.
<ul> <li>7. Water was first applied to beneficial use has been used fully and continuously or as follows:</li></ul>	month day all of the above described lan all of the above described lan con President and complete statement prepare didence of ownership of a val therein and that the same are	<u>1936</u> year ds or for the above described	nd since that time d purposes exception of the second second second porn upon my oat tructions on the hat I have carefu dge and belief.

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Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) ..... ....., Township ....., Range ....

\_\_ N. M. P. M.



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If additional space is necessary, use a separate sheet or sheets and attach securely hereto.



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Files: CP-584; CP-583; CP-586; CP-587; CP-588; CP-589; CP-590; CP-591; CP-592; CP-593; CP-594; CP-595; CP-596; CP-597; CP-598; CP-599; CP-600; CP-601; CP-602

The Merchant Livestock Conpany F. O. Box 548 Carlabad, MI 88220

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The filing of these declarations does not indicate affirmation or rejection of the statements contained therein.

Yours very truly,

J. C. Groseclose Basin Supervisor

JCG/fh Encls. cc: Santa Pe



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**USGS Water Resources** 

Data Category: Groundwater Geographic Area: United States

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Agency code = usgs site\_no list = • 322101103211901

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## USGS 322101103211901 22S.35E.34.12224

Available data for this site Groundwater: Field measurements

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°21'01", Longitude 103°21'19" NAD27 Land-surface elevation 3,501 feet above NAVD88 The depth of the well is 98 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

### **Output formats**

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## USGS 322101103211902 22S.35E.34.12224A

Available data for this site Groundwater: Field measurements

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°21'01", Longitude 103°21'19" NAD27 Land-surface elevation 3,501 feet above NAVD88 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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

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## USGS 322238103225201 22S.35E.20.22442

Available data for this site Groundwater: Field measurements V

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°22'38", Longitude 103°22'52" NAD27 Land-surface elevation 3,539 feet above NAVD88 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

### Output formats

 Table of data

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 Graph of data

 Reselect\_period



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Data Category: Groundwater Geographic Area: United States

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## USGS 322238103225202 22S.35E.20.22442A

Available data for this site Groundwater: Field measurements

Lea County, New Mexico Hydrologic Unit Code 13070007 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 (N99990THER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

### Output formats

 $\mathbf{v}$ 

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Table of data

Tab-separated data

### Graph of data

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USA.gov

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# Appendix B Field Data







## Sample Log

Date:

Longitude:

Bridge State 29 Project: Project Number: Latitude: 19281

32.35634

-103.37684

	Junit	ole ID	PID/Odor	Chloride Conc.	GPS
SW	1			396	
FL	16	3/2	-	592	
WW	1		-	284	-
FL	20	35	-	R12	
FL o		42		592	
	30	10 3h	-	100	
FL C		3/2 -		100	
FL :	5 E	Star 4'3	-	1.724	
FL .	i a	53	-	532	
FL i		W/ 55	-	532	
WW ?	2			696	
ELD	1		- 14/10 14/10	392	1 1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	2			484	
FLSP	5 1/2	6.5		196	
FL 60	6			6-4	
	6	1	_	696	
	72	5.00	-	1220	and the second se
FLJE	てえ	3.4		500	
	7 2	4.0		716	
rige ;		4.4		716	
FLID@ -	ち	4.6		776	
	12	3.4		456	
	3	- 3.6		500 -	
2909	3	3.6		500	
	3	2.0		196	
FLIZES	3	36	-	500	
-L 13 0	3	.2.0	-	196	
rl 80	3	2.4	-	260	
2140		2.4	1	260	
NWI	-	3.0	-	368	47 
V66 18925	S	3-2	1	412	3a)
	98	3.4	/	456	1
EWZ		7.(1		450	
	4	3.2		412	
	5	3.4		456	
				1/-	
Sam	ple Point = S	P #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
	Floor = FL			Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
	Sidewall = S			Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Area
\$	on an an ann	97.011.0.000.000000000000000000000000000			or s sample rollics, center of comp Area



## Sample Log

Date:

 Project:
 Bridge State 29

 Project Number:
 19281
 Latitude:
 32.35634
 Longitude:

-103.37684

Sample ID		PID/Odor	Chloride Conc.	GPS
		- Nowe		
FC19012	3.2	-	436	
FL20@12	2.2	-	240 -	-
ALICIE	2.6	-	702	
FLZZCIL	2.6	-	702	
F123012	2.0	1	208	
-SW2 -	3.0	1	392	
R24.012	2.0		208	
FLZSEIZ	5.0	1	392	
FC 26 @1 =	3.0		39Z	
FLZTEIZ	4.4	/	760-	-
NW2	3.0	1	392	
NW2 FL28 II	4.6	1	824	
EL 29 13	5.0	1	964	
FL 30 CZ FL 31 CZ	3.6	1	532	
FL 31 @2	2.0	1	209	
563	6.6	1	1720	
FL27@2 =	2:0:	, 1 2	208	
FL28 @24	20	-	208	
FLZI @Zi	3.4	-	4184	
Fl 30 e Z	3.2	**	436	
FL 31 @ Z	3.0	-	392	
Fl 32 @ 2	3.2	* -	436	-
F133P2	2.0	-	208	1.4
FLJUE Z	50	-	964	
117502	2.4		272 -	
FL 36 @ 2	2.4		272	
FL 37 @ 2	4.2	-	676	
FL 38 e Z	4.4	_	760	
FL 34 @ Z	4.6	_	·824	
NW3	3.0	~	392	
SUZ CZK	3.7	-	436	
5634 @ 2 2	2.4	-	240	
12 37 8 2 2	2.2	~	272	
FL 38 @ 2 12	3.4	~	480	
139 8 2 2	2.2	_	240	

Sample Point = SP #1 @ ## etc Floor = FL #1 etc Test Trench = TT #1 @ ##

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

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



## Sample Log

9		Date:	
	Latitude:	32.35634 Longitude	-103.37684
PID/	Odor	Chloride Conc.	GPS
20-			444
U.Z -			4.448
			832
7 6 =			356
500			356
2.6 -	707		
-	- 436		108
-			900
		00 0	444
*			216
-			396
			316
		1 H H	356
-			356
			540
-			396
~			248
د			1/6-
-			396
-			248
-			216
-		BA COL	488
~			280 -
E-	2/63		188
-	1000		316
(me)	4.142		480
	436	2.0	396
	the second s		396
-	11 131	and the second	1816 -
-			1201
-	498		480
-			2589
~			248
	2.2793		396
No.	15-84	Ser 18	444
	708	FL 83 621	280
	2       0         2       0         2       0         3       4         2       0         3       4         2       0         3       4         2       0         3       4         2       0         2       0         3       4         2       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3       0         3	19281       Latitude:         PID/Odor       2.08 $2.08$ $4.208$ $4.208$ $4.008$ $3.4$ $4.084$ $7.6$ $7.608$ $7.6$ $7.608$ $7.6$ $7.608$ $7.6$ $7.608$ $7.6$ $7.608$ $7.6$ $7.608$ $7.6$ $7.608$ $$ $4366$ $$ $4366$ $ 584$ $ 490^{-1000}$ $ 490^{-1000}$ $ 4366^{-1000}$ $ 490^{-1000}$ $ 490^{-1000}$ $ 490^{-1000}$ $ 490^{-1000}$ $ 490^{-1000}$ $ 2.001$ $ 2.001$ $ 2.001$ $ 2.012$ $ 2.012$ $ 2.012$ $ 2.012$ $ 2.012$ $ 2.012$ <	19281       Latitude:       32.35634       Longitude $206$ $Fl ST 604^{\circ}$ $Chloride Conc.$ $206$ $Fl ST 604^{\circ}$ $Sl ST 604^{\circ}$ $426$ $208$ $Fl ST 604^{\circ}$ $426$ $804^{\circ}$ $616^{\circ}$ $3.4^{\circ}$ $488^{\circ}$ $Fl ST 604^{\circ}$ $50^{\circ}$ $888^{\circ}$ $Fl ST 604^{\circ}$ $50^{\circ}$ $7.6^{\circ}$ $7.6^{\circ}$ $$ $436^{\circ}$ $Fl ST 60^{\circ}$ $$ $436^{\circ}$ $Fl ST 60^{\circ}$ $$ $676^{\circ}$ $Fl ST 60^{\circ}$ $$ $676^{\circ}$ $Fl ST 60^{\circ}$ $$ $736^{\circ}$ $716^{\circ}$ <

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

0 0

-12

-



## Sample Log

Date:

Project: Project Number:

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
EL 94 @ 2			
FC 85 @ 2	~	396	
z 86 C 2'	-	488	-
2 87 @ 2	-	480	
2 82 6, 2	-	444	
FL 89 @ 2	-	280	
7 90 @ 2'	-	488	
= 91 @ 2	- *	290	
FL 92 6 2	-	396	
FL 93 @ 2	~	346	
FL 32 6 3'	-	540 -	-
Sw 38	Att.	2.4%	
WW 4	-	540	
(h) 4	-	488	
2 94 6 1	-	81388	
1 95 6 2	1.04	216	
1 96 @ 2	*	2.588	
1 95-6. 2-		2,080	
41 4	-	7,752	11
1 94 @ 2°	1000	488	
2 96 @ 3'	-	396	
( 97 @ 3'	-	396	
Św	1	376	
7W	2	540	
L 7 @ # 8'2	-	590	
2 9 @ 882	1	488	
2 12 0 82		444	
	-		
			6

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc Sidewall = SW #1 etc

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

Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas

# Appendix C Photographic Log















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# Appendix D Laboratory Analytical Reports



January 05, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BRIDGE STATE 29

Enclosed are the results of analyses for samples received by the laboratory on 01/03/24 14:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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,

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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: NW 1 (H240027-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: NW 2 (H240027-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: NW 3 (H240027-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	26.9	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: EW 1 (H240027-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: EW 2 (H240027-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: SW 1 (H240027-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	37.8	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: SW 2 (H240027-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: SW 3 (H240027-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	103	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: WW 1 (H240027-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: WW 2 (H240027-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: FL 1 @ 3.5' (H240027-11)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 2 @ 4.5' (H240027-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 3 @ 5.5' (H240027-13)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 4 @ 5.5' (H240027-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 5 @ 5.5' (H240027-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	433	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 6 @ 8' (H240027-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

# Sample ID: FL 7 @ 7.5' (H240027-17)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	113 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 8 @ 8' (H240027-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 9 @ 8' (H240027-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 10 @ 8' (H240027-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
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	01/04/2024	ND	416	104	400	7.41	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	379	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 11 @ 7.5' (H240027-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 12 @ 8' (H240027-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 13 @ 8' (H240027-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 14 @ 8' (H240027-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 15 @ 8' (H240027-25)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

### **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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 16 @ 8' (H240027-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 17 @ 4' (H240027-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.1	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 18 @ 5' (H240027-28)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	10.8	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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\*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 19 @ 1.5' (H240027-29)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 20 @ 1.5' (H240027-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	10.5	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 21 @ 1.5' (H240027-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 22 @ 1.5' (H240027-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 23 @ 1.5' (H240027-33)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 24 @ 1.5' (H240027-34)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 25 @ 1.5' (H240027-35)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	27.8	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 26 @ 1.5' (H240027-36)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 27 @ 2.5' (H240027-37)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	169	84.4	200	3.49	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	178	88.9	200	0.0276	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 28 @ 2.5' (H240027-38)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.00	99.9	2.00	9.38	
Toluene*	<0.050	0.050	01/04/2024	ND	2.01	101	2.00	2.24	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.06	103	2.00	0.448	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.16	103	6.00	0.473	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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\*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 29 @ 2.5' (H240027-39)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

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#### \*=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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 30 @ 1.5' (H240027-40)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/04/2024	ND	432	108	400	7.14	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 31 @ 2' (H240027-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 32 @ 2' (H240027-42)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 33 @ 2' (H240027-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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# Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 34 @ 2.5' (H240027-44)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 35 @ 2' (H240027-45)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	12.5	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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# Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 36 @ 2' (H240027-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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# Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

### Sample ID: FL 37 @ 2.5' (H240027-47)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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## Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: FL 38 @ 2.5' (H240027-48)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

#### Sample ID: FL 39 @ 2.5' (H240027-49)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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## Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

## Sample ID: FL 40 @ 2' (H240027-50)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	94.0	48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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## Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

## Sample ID: FL 41 @ 2' (H240027-51)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
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	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

## Sample ID: FL 42 @ 2' (H240027-52)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	193	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	33.1	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

#### 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:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES		

## Sample ID: FL 45 @ 2' (H240027-53)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	1.95	97.6	2.00	7.95	
Toluene*	<0.050	0.050	01/04/2024	ND	1.97	98.3	2.00	6.62	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	1.91	95.4	2.00	6.46	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	5.69	94.9	6.00	5.82	
Total BTEX	<0.300	0.300	01/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/04/2024	ND	432	108	400	3.64	
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	01/04/2024	ND	162	81.0	200	2.43	
DRO >C10-C28*	222	10.0	01/04/2024	ND	160	80.1	200	4.08	
EXT DRO >C28-C36	37.7	10.0	01/04/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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#### \*=Accredited Analyte

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Mike Snyder For 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

Mite Sugar

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

ARDINAL LABORA	ATOR	IES
101 East Marland, Hob	bs, NM	88240

(575) 393-2326 FAX (575) 393-2476 Etech Environmental & Safety Solutions, Inc.

State: NM

Project Owner:

Fax #:

Zip: 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

5 Page 56 of

Released to Imaging: 5/7/2024 11:37:34 AM

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Company Name:

City: Hobbs

Project #: 19281

Project Manager: Joel Lowry

Address: 2617 West Marland

Project Name: Bridge State 29

Sampler Name: Dominic Casarez

Project Location: Rural Lea County

Phone #: (575) 264-9884

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and a strength of the second se		-	-		_							
FOR LAB USE ONLY			h		- 9	MA	TRI	( I	1	PR	ESE	RV.
Lab I.D. H240627	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	NASTEWATER	SOIL	OIL	SLUDGE	DTHER	ACID/BASE:	ICE / COOL	OTHER :
1	NW1	С	1			X					X	
23	NVV2	C	1			х			T		х	
	NW3	C	1			х					х	
4	EW1	С	1			х			1		х	
5	EW2	C	1			х				11	x	17
6	SW1	С	1			х				1	х	
7	SW2	C	1			х			7		х	
8	SW3	C	1			Х		ł	-		x	
9	WW1	C	1			х					х	
10	WW2	C	į1			х				18	x	1

1/2/24 C (1 PLEASE NOTE: Liability and Daimages. Cardinal's liability and client's exclusive remedy for any claim drising whether based in contract or lort; shall be limit ted to the amount paid by the client for the salyses. 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 applicable rvice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss

linguisted Avz	Deter	white by Cardinas, regardiests of whether such o	daim is based upon any of the above stated reasons or otherwise.
ties or successors arising out of or related to	the performance of services here:	reducting Condinal assessment and a both on the	ons, was on user, or was or proms incurred by chent, its subsidiaries,

Relinquished By:	Date: Time: Date: Time:	Hundra aldek wed By:	Phone Result: Fax Result: REMARKS:	Yes Yes	No No	Add'I Phone #: Add'I Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	#140	Sample Condition CHECKED BY: Cool Infact (Initials)	Please email o	copy of C(	OC and	results to pm@etechenv.com.	
FORM-006	† Cardinal c	annot accent verbal changes Please	fax written chang	on to 575 (	202 247	~	

BILL TO

Zip:

Etech

Joel Lowry

SAMPLING

DATE 1/2/24

1/2/24

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TPH (8015M)

P.O. #:

Attn:

State:

Fax #:

Permian Resources City:

Company

Address:

Phone #:

Revision 1.0

verbal changes. Please fax written changes to 575-393-2476

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Company Name: I Project Manager: A Address: 2617 We City: Hobbs Phone #: (575) 264 Project #: 19281	est Marland State: NM		s, li	1C.				P.0		BIL	LL TO						DI A	1.1/01	0.0	FOUR	COT	 _
Address: 2617 We City: Hobbs Phone #: (575) 264	est Marland State: NM		8					PO	-14-							P	٨NA	LYSI	SK	EQU	ESI	
City: Hobbs Phone #: (575) 264	State: NM							1.0	. #.:										T	T	T	
Phone #: (575) 264							1	Con	npany		Etec	:h		1								
	1 0007	Zij	o: 8	3240				Attn	10		Joel Low	ry										
FI0ject#. 19201									ress:													
Project Names Dride	Project Owne	er:	7	ermia	n Res	ourc	es	City														
Project Name: Bridg							1	Stat	e:	Z	Zip:			(8015M)	218						1	
Project Location: F							F	Pho	ne #:				Chloride	801	(80)	- 1						
FOR LAB USE ONLY	inic Casarez	_	_	_			F	Fax					CH	HH (	BTEX (8021B)						1	
S S S CHO GOC UNELT					MAT	RIX	F	P	RESER	RV.	SAMPLI	NG		1 <sup>H</sup>	81							
Lab I.D. <i>HZ4002</i> 7	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	CE / COOL	OTHER :	DATE	TIME						4				
/( FL1 (		С	1		X			Ť	X	-	1/2/24		X	х	x		4					 
12 FL2 (		c	1		х				х		1/2/24		x	X	XI							 
13 FL3 (		С	1		Х		1 14	1	х		1/2/24		4X	X	X							
14 FL4 (		С	1		Х		1 3	r	х		1/2/24		x	X	X							 
15 FL5 (		С	1		Х	_			X	1	1/2/24		X	X	X							 
/ 6 FL6 ( 17 FL7 (		C	β1 ,		Х	_	_		Х		1/2/24		х	Х	х							
18 FL8 @		C	1		Х	-	4	+	Х		1/2/24		х	X	X							
19 FL9 (		C	1	12	Х	-	+		Х		1/2/24		Х	X	X							
20 FL10		C C	1		X	1	1	-	X		1/2/24		X	X	X							
EASE NOTE: Liability and Damage		-	-	g whethe	11.521	contra	ct or in	ort, she	X all be limite	_	1/2/24	by the client for t	X	Х	X		_	_				

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Page 57 of 61

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ARDI	NAL LABORATORIES	
101	East Marland, Hobbs, NM 88240	

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 58 of 61

101	East	Marland,	Hobbs,	NM	8824

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

Company Name: Etech Environmen	tal & Safety Solu	utions	s, In	1C.		1	1	E	BILL TO	)					ANA	LYSIS	REC	UEST		
Project Manager: Joel Lowry			ł			-	P.(	0. #:							T					
Address: 2617 West Marland							Co	mpany	Et	ech	1									
City: Hobbs	State: NM	Zip	: 88	3240			Att	n:	Joel Lo		1	1								
Phone #: (575) 264-9884	Fax #:						Ad	dress:												
Project #: 19281	Project Owne	er:	Pe	ermian R	lesour	ces				a										
Project Name: Bridge State 29						1		ite:	Zip:			Ŵ	(in the second s							
Project Location: Rural Lea County								one #:	cip.	1	Chloride	TPH (8015M)	BTEX (8021B)							
Sampler Name: Dominic Casarez							Fax		1		음	1 (8	×			(ē. 1				
FOR LAB USE ONLY		Т	Г		MATRI	X	1 2	PRESER	V. SAMP	LING	- °	료	3TE							
Lab I.D. Sample I. Hz40027	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER ·	DATE	TIME	W			ŧ	¥					
21 FL11 @ 7.5		С	1		x			X	1/2/24		X	X	X							
33 FL12 @ 8'		С	51		х		1	х	1/2/24		X	X	x							
33 FL13 @ 8'		С	1		х	1.1		х	1/2/24		X	X	X							
54 FL14 @ 8'		С	1		х		1	х	1/2/24		X	X	X							
25 FL15 @ 8'		С	1		х	1		X	1/2/24		X	X	х							
24 FL16 @ 8'		С	1		х	1		X	1/2/24		X	X	х							
27 FL17@4'		С	1		Х		1	X	1/2/24		х	X	х							
28 FL18@5'		C	1		Х			Х	1/2/24		X	X	Х							
29 FL19@1.5'	ŤŤ	С	1		X			х	1/2/24		X	X	х							
EASE NOTE: Liability and Damages. Cardinal's liability and clier taivases. All claims, including those for packages and any other of	the medication research for an	С	1		X			X	1/2/24		Х	Х	Х							
nalyses. All claims including those for negligence and any other or prvice. In no event shall Cardinal be liable for incidental or conseq filiates or successors arising out of or related to the performance of Relinquismed By: Relinquismed By: Relinquismed By:	uental damages inclusing	without ardinal Rec	regari ceiv	for husiness	Se in writin	g and	receive	od by Cardinal	within 30 days at	ter completion of t client, its subsidie easons or otherwit Phone Re Eax Resul REMARKS	he applicat ries, se: suit: It: S:	Yes Yes	5	No No	Add'l F					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: FORM-006	2.2°	#1	40	Cool	le Con Intac es No cept v	Yes	-		KED BY: tials)	Please e	mail c	opy of	COC	and I	results	to pm	@etec	henv.co	ım.	

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Page 118 of 234

ARDINAL LABORATOR	IES
101 East Marland, Hobbs, NM	88240

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam		tal & Safety Sol	ution	is, Inc.			1.1	B	ILL TO	7					ANA	LYSI	S RE	QUEST	r	
	er: Joel Lowry						P.0.	#:		14		T		T	T					1
						1	Con	pany	Et	ech										
City: Hobbs		State: NM	Zij	p: 8824	40		Attn	-	Joel Lo											
	75) 264-9884	Fax #:					Add	ress:								1				1
Project #: 19		Project Owne	er:	Perm	nian Resi	ources	City:			1.11		1								
Project Name:	Bridge State 29						State		Zip:		1	1 DE	â		14					
Project Locatio	on: Rural Lea County						Pho		zip.		Chloride	TPH (8015M)	BTEX (8021B)		4					
Sampler Name	: Dominic Casarez			1							1 e	(8(	X (8	1						
FOR LAB USE ONLY			T	ŤΤ	MAT	RIX ,	Fax	F. RESERV	SAMP	ING	-10	H	L H	1						
Lab I.D. <u>H240027</u>	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER	WASTEWATER SOIL	OIL SLUDGE	OTHER:	ICE / COOL OTHER :	DATE	TIME										
31	FL21 @ 1.5'		c	1	X	1.		X	1/2/24		X	X	x							
32	FL22 @ 1.5'		С	1	x			x	1/2/24	110	x	x	x							
33	FL23 @ 1.5'		С	1	x		1	X	1/2/24		x	x	X							
	FL24 @ 1.5'		С	1	X		1.	X	1/2/24		X	X	x							
	FL25 @ 1.5'	1	С	1	X			x	1/2/24		X	X	x							
	FL26 @ 1.5'		С	1	X			x	1/2/24		X	X	x			_				
5/	FL27 @ 2.5'		С	1	×			x	1/2/24		x	X	X							
38	FL28 @ 2.5'		С	1	x		1	x	1/2/24		X	X	X							
39	FL29 @ 2.5		С	1	x		1	X	1/2/24		X	X	X							
ASE NOTE: Liability and	FL30 @ 1.5'		С	1	Х		10	X	1/2/24	1	X	Х	X			0				
years. All claims includin ice. In no event shall Ca attes or successors arisin linguished By	d Damages. Cardinal's liability and client; g those for negligence and any other cau rdinal be liable for incidental or conseque g out of or related to the performance of c	intal damages, including services hereunder by Ca	all hand	Rentwiden 1	harding and the second	ing and	ecewee a	y Cardinal w	thin 30 days after	r completion of th	the applicable				¥					
linguished By	The	7-3-24 Time: 1442 Date:	A	stved	BY:	the	la	Udd	Hy	Phone Res Fax Result	sult: t:	Yes Yes		-	Add'l Pi Add'l Fa	hone #: ax #:				
impler - UPS -	(Circle One) Bus - Other:	2.2c	ti	40 5	Sample Cool Int	act Yes	n			Please er	nail co	opy of	COC	and re	esults	to pm	@etecl	henv.co	im.	
Delivered By: Sampler - UPS FORM-000 Revision 1	(Circle One) Bus - Other:		tt/4		Cool Int	Yes No	0	(Initia	als)	Please er written ch					esults	to pm	@etecl	henv.co	ım.	

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3	ARDINAL	LABORAT	ORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-23 Company Name: Etech Enviro	26 FAX (575) 393-2	2476	5																
Project Manager: Joel Lowry	nmental & Safety Sol	ution	is, l	nc.						ILL TO						ANALYS	IS REC	UEST	
Address: 2617 West Marland							1	.0.	#:	1	4	4							
City: Hobbs	State: NM	-	0	00.40			4	om	pany	Ete	ch					34			
Phone #: (575) 264-9884	Fax #:	ZI	0:0	8240			A	ttn:		Joel Lov	vry					1			
Project #: 19281			1	-				ddre	ess:				1		1				
Project Name: Bridge State 29	Project Owne	r:	P	ermia	in Re	source	eş g	ity:		3		14		-					
Project Location: Rural Lea Co							s	tate	:	Zip:		e	(8015M)	218					
Sampler Name: Dominic Casarez	unty						P	hon	e #:			Chloride	801	(80					
FOR LAB USE ONLY		_	1	_			F	ax #				CPI	TPH (	BTEX (8021B)					
		۵. <sup>°</sup>			MA	TRIX	at.	PR	ESERV	SAMPL	ING		H H	BT					
Lab I.D. Samp <u>HZ40027</u> <u>4//</u> FL31 @ 2'	le I.D.	_	# CONTAINERS	GROUNDWATER	WASTEWATER		OTHER.	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME		Ĭ,						
42 FL32 @ 2'	1	С	1		Х		1		Х	1/2/24		X	х	х					
43 FL33 @ 2'		С	1		Х				Х	1/2/24	1500	X	х	X					
44 FL34 @ 2.5'		C	1		X	11	1		Х	1/2/24		х	X	X					
45 FL35 @ 2'		C	1	+	X		1		X	1/2/24		Х	х	X					
46 FL36 @ 2'		C	-		X		-		X	1/2/24		Х	х	X		à.			
47 FL37 @ 2.5'		c	1		X		1	1	X	1/2/24	-	X	Х	X				_	
48 FL38 @ 2.5'		c	1		X		+	170	X X	1/2/24		X	X	X		4			
49 FL39 @ 2.5'		c	1		X		1		x	1/2/24		X	X	X					
SO FL40 @ 2' ASE NOTE: Liability and Damages, Cardinal's liability		С	1		X		1	11.14	x	1/2/24	-	X	X	X	1				
yses. All claims including those for negligence and any	nd client's exclusive remedy for any other cause whatsoever shall be de									the amount paid	by the client for t	M	^	~					
ce. In no event shall Cardinal be liable for incidental or tes of successors artising out of or related to the perfor linguished By:	consequental damages, including w nance of services hereunder by Car	dinal, r	limitat regard		ness inte ehether s			ved by i usie, or id upon	Catdinal with loss of prof any of the	above stated reas	completion of the ont, its subsidiaria ons or otherwise Phone Res Fax Result	ult:	• Yes			Add'l Phone #	#;		
linduished By:		Rec	elve	d By	Uld	HA	4	H	dru	4ª	REMARKS		Yes		10	Add'l Fax #:			
elivered By: (Circle One) mpler - UPS - Bus - Other:	Time: #14 2.2 č	101	1	Co	ol tr	Conditi Itact	-	c	HECKE (Initial	~ ~	lease en	nail co	py of	COC :	and re	esults to pr	n@etech	env.com	L.

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Page 121 of 234

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environment	al & Safety Sol	lution	is, li	nc.					B	ILL TO	7				ANALYSIS	REQUEST
Project Manager: Joel Lowry						,	R.C	0. #:			1	4	1			
ddress: 2617 West Marland						ę	co	mpan	iy	Etr	ech	- ₩				
City: Hobbs	State: NM	Zip	p: 8	8240			Att			Joel Lo		1				
'hone #: (575) 264-9884	Fax #:		ĥ				Ad	dress					1 - 1			
roject #: 19281	Project Owne	er:	P	ermian	Resou	irces	Cit	V:	-							
roject Name: Bridge State 29							Sta			Zip:			Ω	<u> </u>		
roject Location: Rural Lea County						4	1	one #:		Lip.		ride	015	(8021B)		
ampler Name: Dominic Casarez			h			i.	Fax					Chloride	TPH (8015M)	X (8		
FOR LAB USE ONLY		T	Γ		MATR	IX		PRES	ERV.	SAMP	LING	- 10	현	BTEX		
Lab I.D. Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER : -	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME		I.			
57 FL41 @ 2'		С	1		X		Ť	X	~	1/2/24		x	X	x		
57 FL41 @ 2' 57 FL42 @ 2' 53 FL45 @ 2'		С	1		х			X		1/2/24	110	X	x	X		
50 FL45 @ 2'		С	1		х		1	х		1/2/24		x	X	x	1.7	
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SE NOTE: Liability and Damages. Cardinal's liability and client's ses. All claims including those for negligence and any other cause the set of the set	a exclusive remody for an	ty claim a	arisiry	g whether be	ased in cer	nihtlict or	librt sh	all be lim	and in 1	The amount wait	the the sheet for a					
inquished By: inquished By: ellivered By: (Circle One) mpler - UPS - Bus - Other:	intal damages, including v	without i ardinal, r Rec	imitat regard eiv	ed By: des of what ded By: ded By: Samp Cool	s interrupti	dition		e, or ites pon any CHE	of profit	b ito anys she b itourned by d shove stated rem	r completion of the fant, its subsidiaries isons or otherwise Phone Res Fax Result REMARKS	n applicabl es, kult: :	Yes Yes	□ No		)etechenv.com.



January 15, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BRIDGE STATE 29

Enclosed are the results of analyses for samples received by the laboratory on 01/10/24 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: EW 3 (H240108-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.13	107	2.00	1.62	
Toluene*	<0.050	0.050	01/11/2024	ND	2.15	108	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.53	109	6.00	0.846	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/11/2024	ND	416	104	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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: WW 3 (H240108-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.13	107	2.00	1.62	
Toluene*	<0.050	0.050	01/11/2024	ND	2.15	108	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.53	109	6.00	0.846	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/11/2024	ND	416	104	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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: NW 4 (H240108-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.13	107	2.00	1.62	
Toluene*	<0.050	0.050	01/11/2024	ND	2.15	108	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.53	109	6.00	0.846	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/11/2024	ND	416	104	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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 41 @ 2.5' (H240108-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 43 @ 2.5' (H240108-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 44 @ 3' (H240108-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 45 @ 2.5' (H240108-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 46 @ 2' (H240108-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

#### **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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 47 @ 2' (H240108-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 48 @ 2' (H240108-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 49 @ 2' (H240108-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 50 @ 2' (H240108-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	62.5	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 51 @ 2' (H240108-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 52 @ 2' (H240108-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 53 @ 3' (H240108-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

#### **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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 54 @ 5' (H240108-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	247	123	200	26.2	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	228	114	200	24.3	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

#### **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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 55 @ 5' (H240108-17)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

#### **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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 56 @ 2' (H240108-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 57 @ 4' (H240108-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 58 @ 5' (H240108-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 59 @ 5' (H240108-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 60 @ 4' (H240108-22)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	ND	448	112	400	11.3	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 61 @ 4' (H240108-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	1.79	89.3	2.00	12.2	
Toluene*	<0.050	0.050	01/11/2024	ND	1.81	90.3	2.00	12.5	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	1.81	90.7	2.00	12.6	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	5.38	89.6	6.00	12.7	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2024	ND	448	112	400	11.3	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 65 @ 3' (H240108-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 66 @ 3' (H240108-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 67 @ 3' (H240108-26)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 68 @ 3' (H240108-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

### **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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 63 @ 2' (H240108-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 64 @ 3' (H240108-29)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 69 @ 2' (H240108-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 70 @ 2' (H240108-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 71 @ 2' (H240108-32)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	195	97.6	200	0.267	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	183	91.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 72 @ 2' (H240108-33)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 73 @ 2' (H240108-34)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 74 @ 2' (H240108-35)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 75 @ 2' (H240108-36)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 76 @ 2' (H240108-37)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 77 @ 2' (H240108-38)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 78 @ 2' (H240108-39)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 79 @ 2' (H240108-40)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 80 @ 2' (H240108-41)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	10.5	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 81 @ 2' (H240108-42)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 82 @ 2' (H240108-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.22	111	2.00	1.33	
Toluene*	<0.050	0.050	01/11/2024	ND	2.10	105	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.17	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.36	106	6.00	2.91	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	ND	416	104	400	8.00	
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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 83 @ 2' (H240108-44)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 84 @ 2' (H240108-45)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 85 @ 2' (H240108-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 86 @ 2' (H240108-47)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 87 @ 2' (H240108-48)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 88 @ 2' (H240108-49)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 89 @ 2' (H240108-50)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 90 @ 2' (H240108-51)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.4	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	179	89.7	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 91 @ 2' (H240108-52)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	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	01/12/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

#### 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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: FL 92 @ 2' (H240108-53)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	70.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 93 @ 2' (H240108-54)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: SW 4 (H240108-55)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	11.2	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: WW 3 (H240108-56)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	67.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.7	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

## Sample ID: WW 4 (H240108-57)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	12.9	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

### Sample ID: FL 32 @ 3' (H240108-58)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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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:	01/10/2024	Sampling Date:	01/09/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: SW 3 B (H240108-59)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2024	ND	2.28	114	2.00	1.99	
Toluene*	<0.050	0.050	01/11/2024	ND	2.23	111	2.00	0.867	
Ethylbenzene*	<0.050	0.050	01/11/2024	ND	2.31	116	2.00	0.358	
Total Xylenes*	<0.150	0.150	01/11/2024	ND	6.98	116	6.00	0.644	
Total BTEX	<0.300	0.300	01/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	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	01/11/2024	ND	199	99.7	200	0.331	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	200	100	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Received by OCD: 3/12/2024 4:48:05 PM

101 East Marland, Ho	obbs, NM 88240
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Company Name	(575) 393-2326 FA			Inc.			4			BIL	LTO						ANALYSIS	REQ	UEST		
Project Manage								P.0	0. #:								1				
	7 West Marland			4				Co	mpa	ny	Etech	e l									
City: Hobbs		State: NM	Zip:	882	40				tn:		Joel Lown			1							
	5) 264-9884	Fax #:							idres	e.	10										
Cardenae Card		Project Owne		Perr	mian F	Reso	urces				14-1				-						
Project #: 192		rioject owne							ate:	1	Zip:			(M)	1B)						
	Bridge State 29									UI	Lip.		rid	015	802						
	n: Rural Lea County								none	#:			Chloride	TPH (8015M)	BTEX (8021B)						
	Dominic Casarez		-	_		MAT	RIX	Fa	IX #:	SERV.	SAMPLI	NG	0	TP	BTE						
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINER8-	GROUNDWATER WASTEWATER	SOIL	OIL	OTHER :	SE:	ICE / COOL OTHER :	DATE	TIME	W			-					
1	EW3		С	1		Х				Х	1/9/24	diam'r	X	Х	X	_					
à	WW3		С	4		Х		1		х	1/9/24		X	Х	Х	-					
3	NW4		С	1		Х				х	1/9/24		X	X	X	-					
345	FL41 @ 2.5'		С	1		Х				Х	1/9/241	1	X	X	X	-					
5	FL43 @ 2.5'		С	1		Х		1		Х	1/9/24	-	X	X	X	-	1				
6	FL44 @ 3'		С	1		Х				Х	1/9/24		X	X	X	-	1				
4	FL45 @ 2.5'		С	1		Х		1		Х	1/9/24		X	X	X	-					
8	FL46 @ 2'		С	11		Х		1		Х	1/9/24	-	X	X	X	-					
9	FL47 @ 2'		С	1		Х		-		X	1/9/24		X	X	X	-					
10	FL48 @ 2'		С			X		and out to		X	1/9/24	d by the client for	X	X	X						
	and Damages. Cardinal's liability and cli ding those for negligence and any other													able							
affiliates or successors an	and the second se	e of services hereunder by	Cardina	E, régai	ndiess of v	nether	such cia	im is b	ased up	on any of th	ie above stated re	Phone R			es	] No	Add'l Phone	#:			
Relinquined B	The	Date: (-10-24 Time: 14:25 Date: Time:	6	245	ved B	·	~	,	1		1	Fax Resu REMARK	ult: (S:		es	] No	Add'I Fax #		echeny c	om.	
	v: (Circle One) S - Bus - Other:	9	7.1		Co	loc		t	11.		KED BY: tials)	Please	emai	copy			10 1630113 10				



ANALYSIS REQUEST

Page 63 of 67

Company Name	e: Etech Environmental & Safety	/ Solution	ns, I	Inc.	e					B	IL	LTO	Carles and					ANA	LYSIS R	EQUES	1	
Project Manage								Ρ.	0. #	5		14										
Address: 261								Co	mp	any		Etech	1									
City: Hobbs	State: N	M Z	ip: 8	382	240			At	tn:			Joel Lown	y.									
	5) 264-9884 Fax #:							Ad	Idre	SS:		¥.										
Project #: 192		Owner:	F	Pen	mian Re	sou	urces	Ci	tv:			Ŧ				-						
	Bridge State 29								ate:		13	Zip:		0	TPH (8015M)	BTEX (8021B)						
	n; Rural Lea County			-				-	none		1			Chloride	301	803						
								1	ix #:					Ř	H	X	1					
	: Dominic Casarez				N	ATR	RIX I	-	-	ESER	v.	SAMPLI	NG	12	TP	BTI						
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	藥					а.			
11	FL49 @ 2'		С	1		X	1		Г	X	Τ	1/9/24	4.5	X	X	X		T <sub>el</sub>				
ia	FL50 @ 2'		С	1		х				Х		1/9/24		X	X	X						
13	FL51 @ 2'		С	1		х				х		1/9/24:		Х	X	X						
14	FL52 @ 2'		С	1		Х				Х		1/9/24		X	X	X						
14	FL53 @ 3'		С	1		Х				Х		1/9/24		X	X	X	-					
110	FL54 @ 5'		С	1		Х				Х		1/9/24		X	X	X	-					
17.	FL55 @ 5'		С	1		Х				Х		1/9/24		X	X	X	-					
18	FL56 @ 2'		С	1		Х				Х		1/9/24		X	X	X	-					
1917 189	FL57 @ 4'		С	1		Х		1		Х		1/9/24		X	X	X	-					
30	FL58 @ 5'		С	1		Х		_		X		1/9/24	d by the clinet fe	X	X	X						
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BILL TO

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

FORM-006 Revision 1.0

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Company Name	Etech Environmental	the second division of		Inc.	5				UF.	B	ILL	TO	C.S. San					ANA	LYSIS	S RE	QUE	ST			
Project Manage								P	.0. ‡	ŧ		1													
Address: 261								c	omp	any		Etech	1												
City: Hobbs		State: NM	Zip:	882	240				ttn:		Joe	el Lowr	y												
	5) 264-9884	Fax #:						A	ddre	SS:							ł.								
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FOR LAB USE ONLY						MA	TRIX	_		ESER	V. S	AMPLI	NG	1	12	BT			1.0						
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25	FL66 @ 3'		С	1		Х			1	X	1/	9/24		X	X	X	+								
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Revision 1.0

ARDINAL LABORATORIES

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101 East Marland, Hobbs, NM 88240

(575) 303-2326 FAX (575) 393-2476

Company Name:	Etech Environmental &			Inc.				226		BIL	LTO	State.				1 1	ANAL	YSIS	S RE	EQUE	EST		 
Company Name: Project Manager		1						P.O.	-		÷		the l										
Address: 2617							ŧ.	Con	npan	iy	Etech	Ē											
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34	FL73 @ 2'		С	4		Х				х	1/9/24		X	X	X	-							 
35	FL74 @ 2'		С	1		Х				х	1/9/24		X	X	X								 
36	FL75 @ 2'	4	С	1		Х		*		Х	1/9/24		X	X	X	1 2							 
37	FL76 @ 2'		С	1		Х	1	<b>\$</b>	1.10	Х	1/9/24		X	X	X	-							 
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Revision 1.0

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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# Page 66 of 67

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

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Image: Rural Lea County         Rural Lea County         Comminic Casarez         Image: Rural Lea County         FL80 @ 2'         FL81 @ 2'         FL82 @ 2'         FL83 @ 2'         FL84 @ 2'         FL85 @ 2'         FL88 @ 2'         FL89 @ 2'         The Colspan="2">The Colspan="2">The Colspan="2">The Colspan="2"         FL88 @ 2'       C         FL89 @ 2'       C         The Colspan="2"         The Colspan= 2"	e: Etech Environmental & Safety Solutions, Inc. er: Joel Lowry 17 West Marland State: NM Zip: 882 (5) 264-9884 Fax #: 281 Project Owner: Per Bridge State 29 m: Rural Lea County : Dominic Casarez Sample I.D. grupped () to grupped () FL80 @ 2' C 1 FL81 @ 2' C 1 FL82 @ 2' C 1 FL83 @ 2' C 1 FL83 @ 2' C 1 FL85 @ 2' C 1 FL85 @ 2' C 1 FL86 @ 2' C 1 FL86 @ 2' C 1 FL88 @ 2' C 1 FL89 @ 2' C 1 FL80 @ 2' C	e:       Etech Environmental & Safety Solutions, Inc.         er:       Joel Lowry         17 West Marland         State: NM Zip: 88240         25) 264-9884       Fax #:         281       Project Owner:       Permian Re         Bridge State 29       Project Owner:       Permian Re         Bridge State 29       Project Owner:       Permian Re         Sample I.D.       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Bitle D:     Bitle D:       Bitle D:     City:       FL80 @ 2'     City:       FL81 @ 2'     City:       FL82 @ 2'     City:       FL83 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @</td><td>Bit Lt TO     B/LL TO       ar:     Joel Lowry     P.O. #:       17 West Marland     Company     Existin       State:     NI     Zip: 88240     Attn:       5) 264-9884     Fax #:     Address:     City:       Bridge State 29     State:     Zip:       m:     Rural Lea County     Phone #:     Fax #:       Comminic Casarez     Fax #:     Fax #:       Sample I.D.     average of the second state of the se</td><td>Bit LL TO     BILL TO       ar:     Joel Lowry     P.O. #:       TWest Marland     Company     Eléch       State:     NI     Zip: 88240       Attr:     Joel Lowry       75) 264-9884     Fax #:       Bridge State 29     State:       m:     Rural Lea County       Phone #:     Phone #:       Flag     Fax #:       Gominic Casarez     Fax #:       Group and the state in the st</td><td>Bill TO ANALYSIS REQUEST   r: Joel Lowry   r: P.O. #:   TWest Marland Company Eldott   State: NM Zip: 88240   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Project Owner: Period Company Eldott   Bridge State 29 State:   Sample I.D. 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Nill   <	Bit L TO       ar:     Joel Lowry       Ar:     Joel Lowry       17 West Marland     Company       State:     NM       State:     Zip:       Bridge State 29     State:       Dominic Casarez     Fax #:       Martinx     PRESERV       Sample I.D.     NM       No     NM       No     NM       Sample I.D.     NM       No     NM       FL80 @ 2'     C       FL84 @ 2'     C       FL84 @ 2'     C       FL84 @ 2'       FL86 @ 2' </td <td>BitLL TO       BitLL TO       Project Owner:     P.O. #:       Company     Eléchi       Attr:     Joel Lowny       17 West Marland     Company       State:     NM       5) 264-9884     Fax #:       281     Project Owner:       Permian Resources     City:       Bridge State 29     State:       m:     Rural Lea County       Phone #:     Pone #:       Dominic Casarez     Fax #:       Marrian     Bitle D.       Bridge State 29     State:       N:     Rural Lea County       Phone #:     Pone #:       Dominic Casarez     Fax #:       Bitle D.D.     Bitle D.       Bitle D:     Bitle D:       Bitle D:     City:       FL80 @ 2'     City:       FL81 @ 2'     City:       FL82 @ 2'     City:       FL83 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @</td> <td>Bit Lt TO     B/LL TO       ar:     Joel Lowry     P.O. #:       17 West Marland     Company     Existin       State:     NI     Zip: 88240     Attn:       5) 264-9884     Fax #:     Address:     City:       Bridge State 29     State:     Zip:       m:     Rural Lea County     Phone #:     Fax #:       Comminic Casarez     Fax #:     Fax #:       Sample I.D.     average of the second state of the se</td> <td>Bit LL TO     BILL TO       ar:     Joel Lowry     P.O. #:       TWest Marland     Company     Eléch       State:     NI     Zip: 88240       Attr:     Joel Lowry       75) 264-9884     Fax #:       Bridge State 29     State:       m:     Rural Lea County       Phone #:     Phone #:       Flag     Fax #:       Gominic Casarez     Fax #:       Group and the state in the st</td> <td>Bill TO ANALYSIS REQUEST   r: Joel Lowry   r: P.O. #:   TWest Marland Company Eldott   State: NM Zip: 88240   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Project Owner: Period Company Eldott   Bridge State 29 State:   Sample I.D. Bill Will Will Will Will Will Will Will</td>	BitLL TO       BitLL TO       Project Owner:     P.O. #:       Company     Eléchi       Attr:     Joel Lowny       17 West Marland     Company       State:     NM       5) 264-9884     Fax #:       281     Project Owner:       Permian Resources     City:       Bridge State 29     State:       m:     Rural Lea County       Phone #:     Pone #:       Dominic Casarez     Fax #:       Marrian     Bitle D.       Bridge State 29     State:       N:     Rural Lea County       Phone #:     Pone #:       Dominic Casarez     Fax #:       Bitle D.D.     Bitle D.       Bitle D:     Bitle D:       Bitle D:     City:       FL80 @ 2'     City:       FL81 @ 2'     City:       FL82 @ 2'     City:       FL83 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @ 2'     City:       FL87 @ 2'     City:       FL86 @	Bit Lt TO     B/LL TO       ar:     Joel Lowry     P.O. #:       17 West Marland     Company     Existin       State:     NI     Zip: 88240     Attn:       5) 264-9884     Fax #:     Address:     City:       Bridge State 29     State:     Zip:       m:     Rural Lea County     Phone #:     Fax #:       Comminic Casarez     Fax #:     Fax #:       Sample I.D.     average of the second state of the se	Bit LL TO     BILL TO       ar:     Joel Lowry     P.O. #:       TWest Marland     Company     Eléch       State:     NI     Zip: 88240       Attr:     Joel Lowry       75) 264-9884     Fax #:       Bridge State 29     State:       m:     Rural Lea County       Phone #:     Phone #:       Flag     Fax #:       Gominic Casarez     Fax #:       Group and the state in the st	Bill TO ANALYSIS REQUEST   r: Joel Lowry   r: P.O. #:   TWest Marland Company Eldott   State: NM Zip: 88240   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Solutions: Period Company Eldott   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Mattrix: Joel Lowry   Project Owner: Period Company Eldott   Bridge State 29 State:   Sample I.D. Bill Will Will Will Will Will Will Will

14

## RDINAL LABORATORIES

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

67 Page 67 of

Company Name	: Etech Environmental & Safety Solu	utions,	Inc	ž.			1		BIL	LTO		1				ANALYSIS	REQUE
Project Manager			ी				P	.0	). #:	18							
	7 West Mariand						c	or	mpany	Etech			315				
City: Hobbs	State: NM	Zip:	882	240			A	Attr	n:	Joel Lown	y .						
Phone #: (575	5) 264-9884 Fax #:						A	dd	dress:								
Project #: 192	81 Project Owne	er:	Per	miar	n Res	ouro	ces o	ity	y:								
Project Name:	Bridge State 29						s	Sta	te:	Zip:		e	<b>FPH (8015M)</b>	(8021B)			
	n: Rural Lea County						P	h	one #:	- Y.		Chloride	801	(80			
	Dominic Casarez						F	ax	(#:	1		- F	H	BTEX			
FOR LAB USE ONLY		T			MA	TRD	(	1	PRESERV.	SAMPLI	NG	1	1	8			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	subge.	OTHER® -	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	W			-		
	FL90 @ 2'	С	4		X	4		J.	X	1/9/24	1.5.2	X	X	×	_		
566550000000000000000000000000000000000	FL91 @ 2'	С	1		Х	(	10	4	X	1/9/24		X	X	X	_	à	
53	FL92 @ 2'	С	1		X	ς		1	X	1/9/241	4	X	X	X	-		
54	FL93 @ 2'	С	1		>	(	1		X	1/9/24		X	X	X	-	4	
55	SW4	С	1		)	<	1		X	1/9/24		X	X	X	+		
56	WW3	С	1		>	<		4	X	1/9/24		X	X	X	+		
51	WW4	С	4		)	<	1.1	1	X	1/9/24		×	X	X	-		
58	FL32 @ 3'	С	1		)	<	14		Х	1/9/24		X	X	X	-		
59	SW3B	С	1		)	<			X	1/9/24,,		X	X	X	+-		
anisiyses. All claims includ	Ind Damages. Cardinal's liability and client's exclusive remedy for ling those for negligence and any other cause whatsoever shall Cardinal be liable for incidental or consequential damages, inclu- sing out of or related to the cardiomance of services hereunder to W: Date: 1-10-24	be deemi ding witho iy Cardini	ut limi al, rega	ved uns	ess maor xusiness of wheth	internal	ung and i stens in	nerue nes chi	fuse or loss of pr	ofits incurred by (	client, its subsidi	aries, viae esult:	able Y		] No	Add'l Phone Add'l Fax #	#:

Sample Condition Cool Intact

Yes Yes

No No

Page 188 of 234

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

CHECKED BY:

(Initials)

FORM-006 Revision 1.0

Delivered By: (Circle One)

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January 15, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BRIDGE STATE 29

Enclosed are the results of analyses for samples received by the laboratory on 01/12/24 15:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 94 @ 2' (H240150-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2024	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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	<i>98.3</i>	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

#### **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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 95 @ 2' (H240150-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2024	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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 96 @ 3' (H240150-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 97 @ 3' (H240150-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

#### **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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: NW 5 (H240150-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: EW 4 (H240150-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 1 @SURF (H240150-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 2 @SURF (H240150-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.36	118	2.00	2.92	
Toluene*	<0.050	0.050	01/12/2024	ND	2.23	111	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.34	117	2.00	2.87	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	7.01	117	6.00	2.57	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 3 @SURF (H240150-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.36	118	2.00	2.92	
Toluene*	<0.050	0.050	01/12/2024	ND	2.23	111	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.34	117	2.00	2.87	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	7.01	117	6.00	2.57	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 4 @SURF (H240150-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.36	118	2.00	2.92	
Toluene*	<0.050	0.050	01/12/2024	ND	2.23	111	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.34	117	2.00	2.87	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	7.01	117	6.00	2.57	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 5 @SURF (H240150-11)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.36	118	2.00	2.92	
Toluene*	<0.050	0.050	01/12/2024	ND	2.23	111	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.34	117	2.00	2.87	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	7.01	117	6.00	2.57	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

#### 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:	01/12/2024	Sampling Date:	01/10/2024
Reported:	01/15/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: OSFL - 6 @SURF (H240150-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.36	118	2.00	2.92	
Toluene*	<0.050	0.050	01/12/2024	ND	2.23	111	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.34	117	2.00	2.87	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	7.01	117	6.00	2.57	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	ND	448	112	400	7.41	
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	01/13/2024	ND	186	93.2	200	3.70	
DRO >C10-C28*	<10.0	10.0	01/13/2024	ND	191	95.7	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	01/13/2024	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

#### 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received by OCD: 3/12/2024 4:48:05 PM

(FTF) 000 0000 FAN (FTF) 000 000

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

R.

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ΑM
11:37:34
5/7/2024
Imaging:
Released to

oject Manager: Idress: 2617 V		utions	, Inc.	BI	LL TO	010 P22	1			ł	ANAL	LYSIS REQUEST
	Joel Lowry		1	P.O. #:			1		1	T		
No. Links	West Marland			Company	Ete	ch	1	4				
ty: Hobbs	State: NM	Zip	: 88240	Attn:	Joel Lov	NEV						
none #: (575)	264-9884 Fax #:			Address:								
oject #: 19281	Project Owne	er:	Permian Resources									
oject Name: Br	ridge State 29			State:	Zip: 1			Ĩ	1B)			
oject Location:	Rural Lea County			Phone #:	1		Chloride	TPH (8015M)	802			
mpler Name: Do	ominic Casarez			Fax #:	1		hlo	1 (8)	×			
20015	)	T	MATRIX	PRESERV	SAMPL	ING		TP	BTEX (8021B)			
	Sample I.D.	(G)RAB OR (C)OMP	# CONTATNERS GROUNDWATER WASTEWATER Soil. Oil. SLUDG6	OTHER # ACID/BASE: ICE / COOL OTHER :	DATE	TIME	-17			Arment	.4	
	_94 @ 2'	С	1 X	X	1/10/24		X	X	X			
	_95 @ 2'	С	1 X /	- X	1/10/24		X	X	X			
J FL	_96 @ 3'	С	1 X	X	1/10/24		X	X	X			
4 FL	_97 @ 3'	С	1 X 4	X	1/10/24		Х	Х	X			
1	W5	С	,1 X 1,	X	1/10/24		X	Х	X			
SEV	N4	С	1 X	X	1/10/24		Х	X	Х			
	SFL-1 @ Surf	С	1 X	Х	1/10/24		Х	Х	Х			
0	SFL-2 @ Surf	С	1 X	Х	1/10/24		Х	X	X			
08	SFL-3 @ Surf	С	1 X	X	1/10/24		X	Х	Х			
	SFL-4 @ Surf mages Cardinal's liability and client's exclusive remedy for a	С	1 X	X	1/10/24		Х	X	X			

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Company Name: Etech Environmental & Safety Solut	ons, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Joel Lowry		P.O. #:	
Address: 2617 West Marland		Company Etech	
City: Hobbs State: NM	Zip: 88240	Attn: Joel Lowry	
Phone #: (575) 264-9884 Fax #:		Address:	
Project #: 19281 Project Owner	Permian Resources	City:	
Project Name: Bridge State 29		State: Zip:	de 21B M
Project Location: Rural Lea County		Phone #:	Chloride TPH (8015M) 3TEX (8021B)
Sampler Name: Dominic Casarez	t A	Hax #:	BTEX 0
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
H240150 H240150 Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLEDGE -	OTHER; Acid/BASE: ICE / COOL OTHER; AITHOR	ТМЕ
OSFL-5 @ Surf	C 1 X '	X 1/10/24	X X X
OSFL-6 @ Surf	C 11 X	X 1/10/24	X X X
11			
		1	
LEASE NOTE: Liability and Damuges. Cardinan's liability and client's exclusive remedy for a nalyses. All claims including those for negrigence and any other cause whatsaever shall be envice. In no event shall Cardinal be liable for incidental or consequental damages, includin (filedes or successors arising out of or reliated to the performance of services hereunder by in Relinquished By:	teemed waived unless made in writing an without limitation, business interruptions.	In received by Cardinal within 30 days after compli- loss of use, or loss of profits incurred by client, its is based upon any of the above stated reasons or Pho	slation of the applicable is subsidiaries;
Relinquished By: Celinquished By: Date: 1/12/04 Time: 15:04 Date: Time:	Received by:	REN	USH SAMPLES
	Sample Condit Cool Intact Yes Ye I 1410 No No	tion CHECKED BY: Plea (Initials)	ease email copy of COC and results to pm@etechenv.com.

Received by OCD: 3/12/2024 4:48:05 PM

Page 16 of 16



January 16, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BRIDGE STATE 29

Enclosed are the results of analyses for samples received by the laboratory on 01/15/24 16:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	01/15/2024	Sampling Date:	01/15/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: DEF - 1 @ 6" (H240169-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/15/2024	ND	2.17	108	2.00	0.00555	
Toluene*	<0.050	0.050	01/15/2024	ND	2.19	109	2.00	0.337	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.20	110	2.00	0.244	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.69	111	6.00	0.306	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	576	16.0	01/16/2024	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	Qualifie
GRO C6-C10*	<10.0	10.0	01/15/2024	ND	194	97.1	200	0.0886	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	203	102	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	0						

#### 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:	01/15/2024	Sampling Date:	01/15/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: DEF - 1 @ 1' (H240169-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.17	108	2.00	0.00555	
Toluene*	<0.050	0.050	01/15/2024	ND	2.19	109	2.00	0.337	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.20	110	2.00	0.244	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.69	111	6.00	0.306	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/16/2024	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	01/15/2024	ND	194	97.1	200	0.0886	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	203	102	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

#### 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:	01/15/2024	Sampling Date:	01/15/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: SEH - 1 (H240169-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.17	108	2.00	0.00555	
Toluene*	<0.050	0.050	01/15/2024	ND	2.19	109	2.00	0.337	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.20	110	2.00	0.244	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.69	111	6.00	0.306	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/16/2024	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	01/15/2024	ND	194	97.1	200	0.0886	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	203	102	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

#### 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:	01/15/2024	Sampling Date:	01/15/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Dionica Hinojos
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 42 @ 3' (H240169-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.17	108	2.00	0.00555	
Toluene*	<0.050	0.050	01/15/2024	ND	2.19	109	2.00	0.337	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.20	110	2.00	0.244	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.69	111	6.00	0.306	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/16/2024	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	01/15/2024	ND	194	97.1	200	0.0886	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	203	102	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Page 211 of 234

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 7 of 7

	y control inter							BILL TO ANALYSIS REQUEST														
Address: 2617 West Marland	1				_				22	_									1			
City: Hobbs			0.01	140	_		Con	npany	Elech	nuironn	nonlal			-	1							
Phone #: (575) 264-9884	State: NM	Zip	: 882	240	_		Attn			- 1	_				1.		1					
	Fax #:	_				_	Add	ress:		-		4	1 -		-							
Project #: 1928	Project Own	er: 🖡	Pre	mich	i Resca	illes	City									-						
Project Name: Bridge Stole 29							Stat	e:	Zip:			0	2M)	18								
Project Location: Rural lea (	'cunty						Pho	ne #:		- 1915	10	Chloride	TPH (8015M)	BTEX (8021B)	1	1.1						
Sampler Name: Aaron Rios		_				_	Fax	#:		i p e i	MAR	Ē	Ξ	X	÷.		-					
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January 18, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BRIDGE STATE 29

Enclosed are the results of analyses for samples received by the laboratory on 01/17/24 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	01/17/2024	Sampling Date:	01/17/2024
Reported:	01/18/2024	Sampling Type:	Soil
Project Name:	BRIDGE STATE 29	Sampling Condition:	Cool & Intact
Project Number:	19281	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN RESOURCES - LEA CO.		

#### Sample ID: FL 7 @ 8.5' (H240200-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	alyzed By: HM									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier				
Chloride	144	16.0	01/18/2024	ND	432	108	400	0.00					

#### Sample ID: FL 9 @ 8.5' (H240200-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/18/2024	ND	432	108	400	0.00	

#### Sample ID: FL 12 @ 8.5' (H240200-03)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/18/2024	ND	432	108	400	0.00	

#### 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

(575) 393-2326 FAX (575) 393- Company Name: Etech Environmental & Safety So	utio	9	Inc	_	_	_		_	-													
Joel LOWAR							+	BILL TO								ANALYSIS REQUEST						
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Project Name: Bridge State 29 Project Location: RUNL Les County						4		tate			Zip:		1	ŝ	â			1 1			1 4	
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Page 4 of 4

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# Appendix E Electronic C-141 Supplement Figures
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Layer I	List	_		
*	USGS Groundwater w	elle		
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*	Induced Seismicity Ar	ea		•••
•	Permian Basin Karst A	reas		•••
•	BLM Oil Gas Leases C	ase Disp		•••
*	BLM Oil Gas Leases P	roduction S	tatus	•••
*	BLM Fluid Minerals C	ase		•••
•	BLM FM Agreements	Case Disp		•••
•	BLM FM Agreements	Production	Status	•••
*	BLM FM Participating	Areas Case	Disp	
•	NM SLO Oil and Gas	Leases		•••
•	NM SLO Participating Boundaries	Area and U	Init Agreeme	ent
*	Political Boundaries a	nd Transpo	rtation	•••
*	Mineral and Surface (	Dwnership		•••
•	Hydrology			•••
*	OCD Districts			•••
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-	Public Land Survey Sy	stern (PLSS	)	•••
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NM OCD Oil and Gas M Page 217 af 234

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Received by OCD 3/ 02/02/04/48/05 CMS MAP New Mexico Oil Conservation Division



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### NM OCD Oil and Gas MRage 221 of 234



NM OCD Oil and Gas MRage 222 of 234

Census Bureau, NMDOT | Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, ....

	BASEMAPS >	
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☑ Wetlands	06	,
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Received by OCD: 3/12/2024 4:48:05 PM ew Mexico NM Mining and Minerals Division



EMNP Page 224 of 234



# Received by OCD: 3/12/2024 4:48-05.2021 Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



Page 226 of 234

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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

QUESTIONS

Action 322758

QUESTIONS		
Operator:	OGRID:	
Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	372165	
	Action Number:	
	322758	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2321948496	
Incident Name	NAPP2321948496 BRIDGE STATE UNIT 29 CTB @ 0	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Facility	[fAPP2220761773] Bridge ST 29 CTB 1	

#### Location of Release Source

Please answer all the questions in this group.		
Site Name	BRIDGE STATE UNIT 29 CTB	
Date Release Discovered	07/29/2023	
Surface Owner	State	

#### Incident Details

Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	Νο	
Has this release endangered or does it have a reasonable probability of endangering public health	Νο	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Separation Flowback   Separator   Crude Oil   Released: 70 BBL   Recovered: 57 BBL   Lost: 13 BBL.	
Produced Water Released (bbls) Details	Cause: Separation Flowback   Separator   Produced Water   Released: 80 BBL   Recovered: 63 BBL   Lost: 17 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Action 322758

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	322758
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager	

Email: montgomery.floyd@permianres.com

Date: 03/12/2024

Released to Imaging: 5/7/2024 11:37:34 AM

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

QUESTIONS, Page 3

Action 322758

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**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	322758
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	id the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Νο

#### Remediation Plan

Deguacting a remodiction	plan approval with this submission	No.
1 0		Yes
	,	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	al extents of contamination been fully delineated	Yes
Was this release entirely c	ontained within a lined containment area	Νο
Soil Contamination Sampling	<b>g:</b> (Provide the highest observable value for each, in m	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	704
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	433
GRO+DRO	(EPA SW-846 Method 8015M)	433
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1
	NMAC unless the site characterization report includes complete relines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM/
	termes for beginning and completing the remediation.	
	ill the remediation commence	12/20/2023
On what estimated date wi		12/20/2023 01/17/2024
On what estimated date wi On what date will (or did) th	ill the remediation commence	
On what estimated date wi On what date will (or did) th On what date will (or was)	ill the remediation commence he final sampling or liner inspection occur	01/17/2024
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfa	ill the remediation commence he final sampling or liner inspection occur the remediation complete(d)	01/17/2024 01/26/2024
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfate What is the estimated volue	Ill the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed	01/17/2024 01/26/2024 0
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfa What is the estimated volum What is the estimated surfa	ill the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed me (in cubic yards) that will be reclaimed	01/17/2024 01/26/2024 0 0

sp significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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### **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 322758

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QUESTIC	ONS (continued)
Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	322758 Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	NDBL RECYCLE. CLOSED [fSL2019032229]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface so not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 03/12/2024

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### **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 322758

**QUESTIONS** (continued)

Operator: Permian Resources Operating, LLC	OGRID: 372165
300 N. Marienfeld St Ste 1000 Midland, TX 79701	Action Number: 322758
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Deferral Requests Only	

nly answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

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### **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 322758

QUESTIONS (continued)			
Operator:	OGRID:		
Permian Resources Operating, LLC	372165		
300 N. Marienfeld St Ste 1000	Action Number:		
Midland, TX 79701	322758		
	Action Type:		
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)		

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	300376
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/09/2024
What was the (estimated) number of samples that were to be gathered	45
What was the sampling surface area in square feet	8000

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	22330
What was the total volume (cubic yards) remediated	4260
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	NA
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for relea	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by advantation in a stranger of the second se

the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete

I hereby agree and sign off to the above statement Title: Env	lontgomery Floyd vironmental Manager ontgomery.floyd@permianres.com /12/2024

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 7

Action 322758

**QUESTIONS** (continued) Operator: OGRID: Permian Resources Operating, LLC 372165 300 N. Marienfeld St Ste 1000 Action Number: Midland, TX 79701 322758 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) QUESTIONS Reclamation Report

Only answer the questions in this group if all reclamation steps have been completed. Requesting a reclamation approval with this submission No

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

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CONDITIONS

Action 322758

CONDITIONS Operator: OGRID: Permian Resources Operating, LLC 372165 300 N. Marienfeld St Ste 1000 Action Number: Midland, TX 79701 322758 Action Type:

[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	5/7/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/7/2024