

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
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 _____ Longitude -103.376844 _____
(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# <i>(if applicable)</i>

Unit Letter	Section	Township	Range	County
I	28	22S	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)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 70	Volume Recovered (bbls) 57
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 63
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (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.

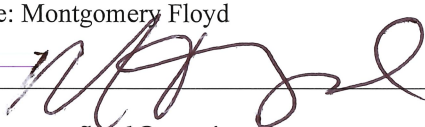
State of New Mexico
Oil Conservation Division

Incident ID	nAPP2321447499
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release exceeded 25 barrels volume.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Montgomery Floyd notified Mike Bratcher and ocdenviro via email on 8-7-23 after volumes were determined reportable.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Montgomery Floyd	Title: Environmental Manager
Signature: 	Date: 8-7-23
email: montgomery.floyd@permianres.com	Telephone: 432-425-8321
<u>OCD Only</u>	
Received by: _____	Date: _____

Location of spill: n APP 2321948496

Average Daily Production: BBL Oil BBL Water

Date of Spill:

Site Soil Type:

Total Area Calculations					
Total Surface Area	width	length	wet soil depth	oil (%)	
Rectangle Area #1	24 ft	30 ft	X	50%	
Rectangle Area #2	120 ft	115 ft	X	50%	
Rectangle Area #3	60 ft	20 ft	X	50%	
Rectangle Area #4	108 ft	60 ft	X	48%	
Rectangle Area #5	10 ft	40 ft	X	0%	
Rectangle Area #6	0 ft	0 ft	X	0%	
Rectangle Area #7	0 ft	0 ft	X	0%	
Rectangle Area #8	0 ft	0 ft	X	0%	

Porosity 0.16 gal per gal

Saturated Soil Volume Calculations:					
Area	sq. ft.	H2O	OIL	Soil Type	Porosity
Area #1	720	30 cu. ft.	30 cu. ft.	Clay	0.15
Area #2	13800	575 cu. ft.	575 cu. ft.	Peat	0.40
Area #3	1200	300 cu. ft.	300 cu. ft.	Glacial Sediments	0.13
Area #4	6480	1,685 cu. ft.	1,555 cu. ft.	Sandy Clay	0.12
Area #5	400	200 cu. ft.	cu. ft.	Silt	0.16
Area #6	0	sq. ft.	cu. ft.	Loess	0.25
Area #7	0	sq. ft.	cu. ft.	Fine Sand	0.16
Area #8	0	sq. 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
Estimated Volumes Spilled					
Liquid in Soil:					
Liquid Recovered :					
Spill Liquid					
Total Spill Liquid:					
Recovered Volumes					
Estimated oil recovered:					
Estimated water recovered:					
Standing Liquids					

4/1/2025 10:41:18

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?	50-71 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nAPP232198496
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: MONTGOMERY FLOYD Title: ENVIRONMENTAL
Signature: [Signature] Date: 3-12-24
email: montgomery-floyd@permianrcs.com Telephone: 432 425 8321

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Remediation Summary & Soil Closure Request

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:

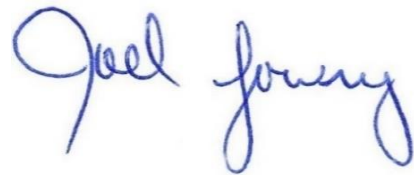
Etech Environmental & Safety Solutions, Inc.

2617 W. Marland

Hobbs, New Mexico 88240



Matthew Grieco



Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	Section
PROJECT INFORMATION.....	1.0
SITE CHARACTERIZATION.....	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE.....	3.0
REMEDIAATION ACTIVITIES SUMMARY.....	4.0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN.....	5.0
SOIL CLOSURE REQUEST.....	6.0
LIMITATIONS.....	7.0
DISTRIBUTION.....	8.0

FIGURES

- Figure 1 - Topographic Map
- Figure 2 - Aerial Proximity Map
- Figure 3 - Site and Sample Location Map

TABLES

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

APPENDICES

- Appendix A - Depth to Groundwater Information
- 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:

Location of Release Source

Latitude: 32.35634 Longitude: -103.37684

Provided GPS are in WGS84 format.

Site Name:	Bridge State 29	Site Type:	Tank Battery
Date Release Discovered:	7/28/2023	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
"M"	28	22S	35E	Lea

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

Nature and Volume of Release

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 70	Volume Recovered (bbls) 57
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 63
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:

During flowback a separation developed in a threaded union resulting in the spill release.

Initial Response

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

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	½ 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?	½ to 1 (mi.)
A subsurface mine?	> 5 (mi.)
A (non-karst) unstable area?	½ 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

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

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
TPH	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 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 sample 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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



Legend

 Site Location

Figure 1
Topographic Map
Permian Resources
Bridge State 29
GPS: 32.35634, -103.37684
Lea County

eTECH 
Environmental & Safety Solutions, Inc.

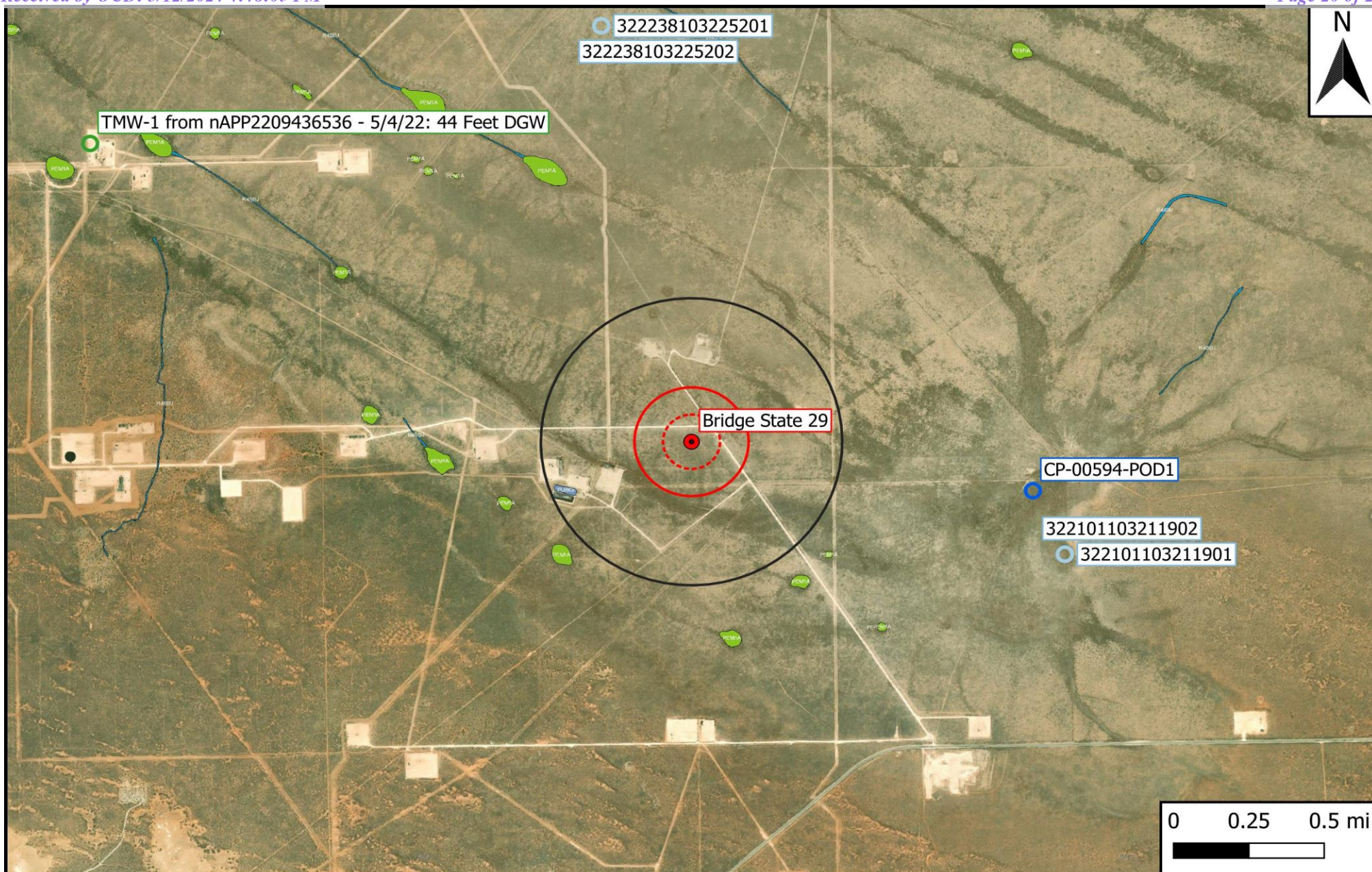
Drafted: mag

Checked: jwl

Date: 10/31/23

Figure 2

Aerial Proximity Map



Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Potash Mine Workings
- Medium/High Karst
- ⋯ 500 Ft Radius
- ⋯ 1000 Ft Radius
- 0.5 Mi Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine

Figure 2

Aerial Proximity Map

Permian Resources

Bridge State 29

GPS: 32.35634, -103.37684

Lea County

eTECH

Environmental & Safety Solutions, Inc.



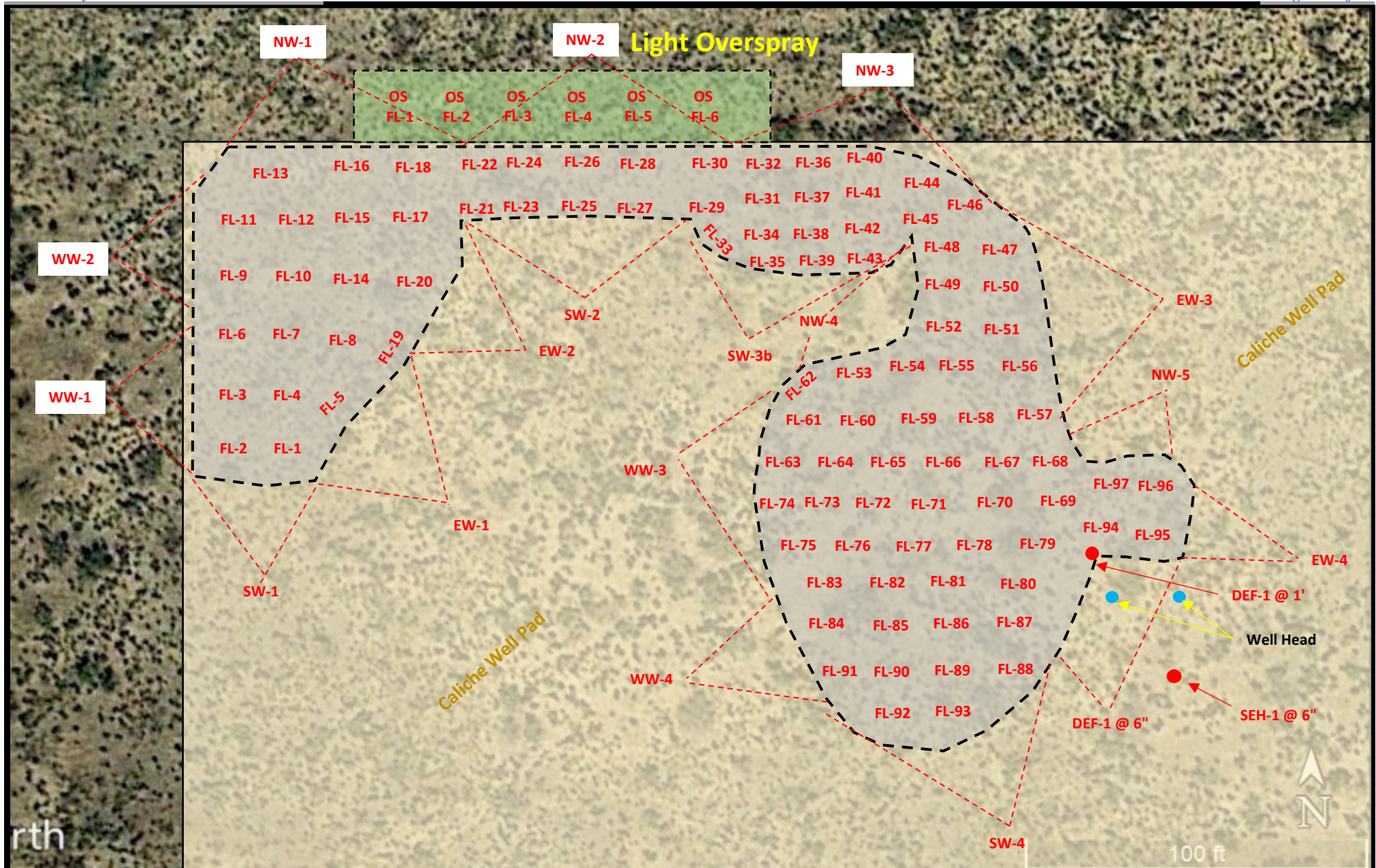
Drafted: mag

Checked: jwl

Date: 10/31/23

Figure 3

Site and Sample Location Map



Legend:

- Delineation Sample
- Well Head
- Excavated Area
- Light Overspray Area
- Wall Confirmation Sample
- FL-# Floor Confirmation Sample
- Caliche Well Pad

Figure 3
 Site and Sample Location Map
 Permian Resources
 Bridge State 29
 GPS: 32.35634, -103.37684
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Updated: mag	Checked: jwl	Date: 2/16/24
Drafted: jwl	Checked: mag	Date: 1/16/24

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

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Bridge State 29
NMOCD Ref. #: nAPP2321948496

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 1 @ 3.5'	1/2/2024	3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<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	In-Situ	<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'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 25 @ 1.5'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	27.8	27.8	<10.0	27.8	304
FL 26 @ 1.5'	1/2/2024	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 27 @ 2.5'	1/2/2024	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 28 @ 2.5'	1/2/2024	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
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.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Bridge State 29
NMOCD Ref. #: nAPP2321948496

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 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	In-Situ	<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'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 71 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 72 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 73 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 74 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 75 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 76 @ 2'	1/9/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

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

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Red: NMOCD Reclamation Standard exceedance.

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Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 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	1/10/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
OSFL - 2 @ Surf	1/10/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
OSFL - 3 @ Surf	1/10/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
OSFL - 4 @ Surf	1/10/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
OSFL - 5 @ Surf	1/10/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
OSFL - 6 @ Surf	1/10/2024	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.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Bridge State 29
NMOCD Ref. #: nAPP2321948496

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
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

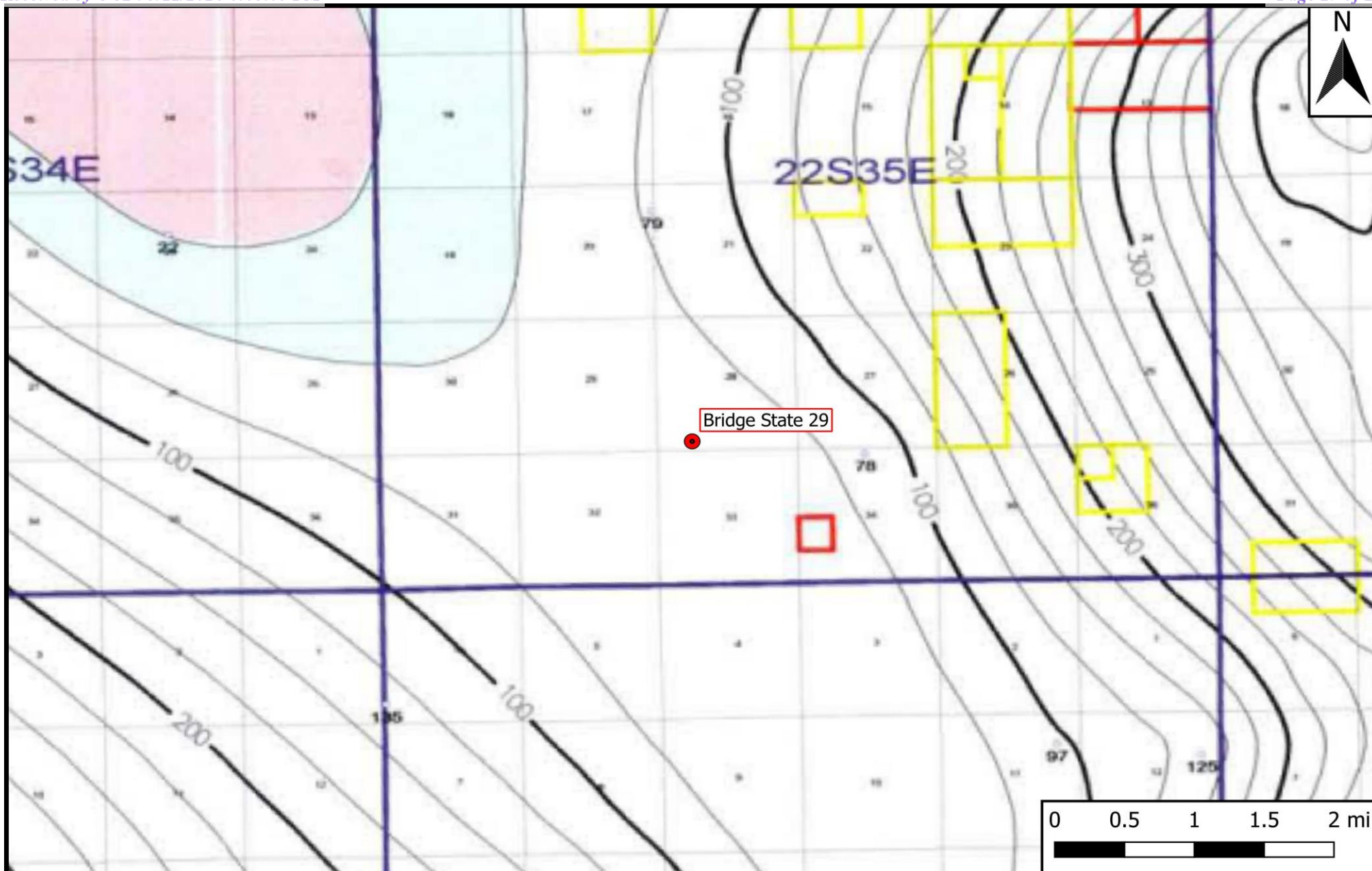
Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Appendix A

Depth to Groundwater Information



Legend

- Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
Permian Resources
Bridge State 29
GPS: 32.35634, -103.37684
Lea County



Drafted: mag

Checked: jwl

Date: 10/31/23



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00594 POD1		CP	LE	2	1	34	22S	35E		654553	3580819*	1844	98		
CP 00595 POD1		CP	LE	2	2	20	22S	35E		652089	3584000*	2977	96		
												Average Depth to Water:			--
												Minimum Depth:			--
												Maximum Depth:			--

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 652729

Northing (Y): 3581092.39

Radius: 3220


*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.



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00594 POD1	2	1	34	22S	35E	654553	3580819*	
x									
Driller License: 122		Driller Company:				UNKNOWN			
Driller Name:									
Drill Start Date:		Drill Finish Date:				Plug Date:			
Log File Date:		PCW Rcv Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 3 GPM			
Casing Size: 6.63		Depth Well:				98 feet		Depth Water:	
x									

*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

Revised December 1975

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

Declaration of Owner of Underground Water Right

CAPITAN BASIN
BASIN NAME

Declaration No. CP-594 Date received April 17, 1979

STATEMENT

1. Name of Declarant THE MERCHANT LIVESTOCK COMPANY
Mailing Address P.O. Box 548, Carlsbad
County of Eddy, State of New Mexico
2. Source of water supply shallow
(artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings:
a. 1/4 NE 1/4 NW 1/4 of Sec. 34 Twp. 22 S Rge. 35 E N.M.P.M., in Lea County.
b. Tract No. of Map No. of the
c. X = feet, Y = feet, N. M. Coordinate System Zone
in the Grant.
On land owned by
4. Description of well: date drilled 1911 driller depth 981 feet.
outside diameter of casing 6 5/8 inches; original capacity gal. per min.; present capacity 3
gal. per min.; pumping lift feet; static water level 77 feet (above) (below) land surface;
make and type of pump
make, type, horsepower, etc., of power plant
Fractional or percentage interest claimed in well 100%
5. Quantity of water appropriated and beneficially used up to 3
(XXXXXXX) (acre feet per annum)
for stock water purposes.
6. Acreage actually irrigated acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
				stock only	The Merchant Livestock Co.

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 1911 and since that time
month day year has been used fully and continuously on all of the above described lands or for the above described purposes except
as follows:
8. Additional statements or explanations
name of well - Dees

I, J. D. Merchant, President being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

THE MERCHANT LIVESTOCK CO., declarant.
by: J. D. Merchant, Jr., President
day of April, A.D. 1979
Subscribed and sworn to before me this day of April, 1979
My commission expires March 2, 1980
Notary Public

UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

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 2½ acre subdivision. If located on unsurveyed lands, describe by legal subdivision "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; CP-585; 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 Company
P. O. Box 548
Carlsbad, NM 88220

Gentlemen:

Enclosed are your copies of Declarations of Owner of Underground Water Right 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: Santa Fe



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00595 POD1	2	2	20	22S	35E	652089	3584000*	
x									
Driller License: 122		Driller Company:				UNKNOWN			
Driller Name:									
Drill Start Date:		Drill Finish Date:				Plug Date:			
Log File Date:		PCW Rcv Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 2 GPM			
Casing Size: 6.63		Depth Well:				96 feet		Depth Water:	
x									

*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

SF

Revised December 1975

80227
19

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

Declaration of Owner of Underground Water Right

CAPITAN BASIN

BASIN NAME

Declaration No. CP-595 Date received April 17, 1979 APR 20 PM 3 00

STATEMENT

1. Name of Declarant THE MERCHANT LIVESTOCK COMPANY
Mailing Address P.O. Box 548 Carlsbad
County of Eddy, State of New Mexico
2. Source of water supply shallow (artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings:
a. 1/4 NE 1/4 NE 1/4 of Sec. 20 Twp. 22 S Rge. 35 E N.M.P.M., in Lea County.
b. Tract No. of Map No. of the
c. X = feet, Y = feet, N. M. Coordinate System Zone in the Grant.
On land owned by
4. Description of well: date drilled 1936 driller depth 96' feet.
outside diameter of casing 6 5/8 inches; original capacity gal. per min.; present capacity 2 gal. per min.; pumping lift feet; static water level 78 feet (above) (below) land surface;
make and type of pump
make, type, horsepower, etc., of power plant
Fractional or percentage interest claimed in well 100%
5. Quantity of water appropriated and beneficially used up to 3 (acre feet per annum)
for stock water purposes.
6. Acreage actually irrigated acres, located and described as follows (describe only lands actually irrigated):

STATE ENGINEER OFFICE
SANTA FE, N.M. 87501

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
				stock only	The Merchant Livestock Co.

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 1936 and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows:
8. Additional statements or explanations
name of well - Cotton

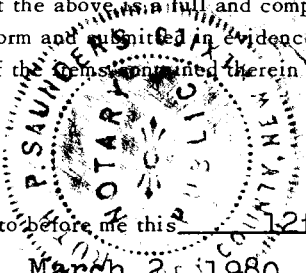
I, J. D. Merchant, Jr. President being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the statements contained therein and that the same are true to the best of my knowledge and belief.

THE MERCHANT LIVESTOCK CO., declarant.

by: J. D. Merchant, Jr. President

Subscribed and sworn to before me this 12th day of April, A.D. 1979

My commission expires March 2, 1980 Notary Public



FILED

UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

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 2½ acre subdivision. If located on unsurveyed lands, describe by legal subdivision "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, 1973

Files: CP-584; CP-585; 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 Company
P. O. Box 548
Carlsbad, NM 88220

Gentlemen:

Enclosed are your copies of Declarations of Owner of Underground Water Right as numbered above, which have been filed for record in the office of the State Engineer.

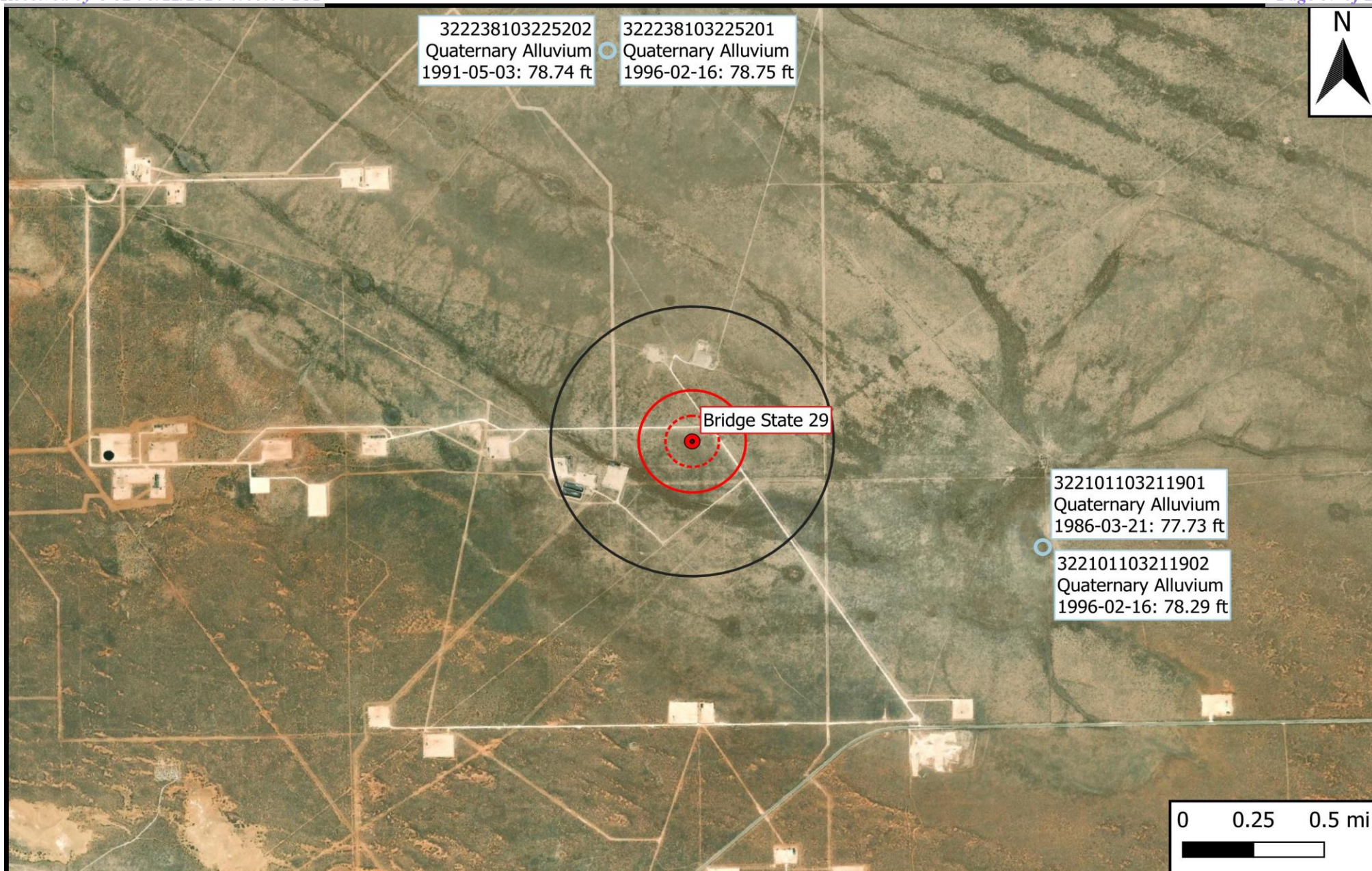
Please refer to each individual number in all future correspondence concerning these declarations.

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/gh
encls.
cc: Santa Fe



Legend

- Site Location
- Well - USGS
- ⋯ 500 Ft Radius
- ▭ 1000 Ft Radius
- ▭ 0.5 Mi Radius

Figure 5

USGS Well Proximity Map
Permian Resources
Bridge State 29
GPS: 32.35634, -103.37684
Lea County



Drafted: mag

Checked: jwl

Date: 10/31/23



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USGS Water Resources

Data Category:

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Geographic Area:

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Available data for this site

Groundwater: Field measurements

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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 (N9999OTHER) national aquifer.

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

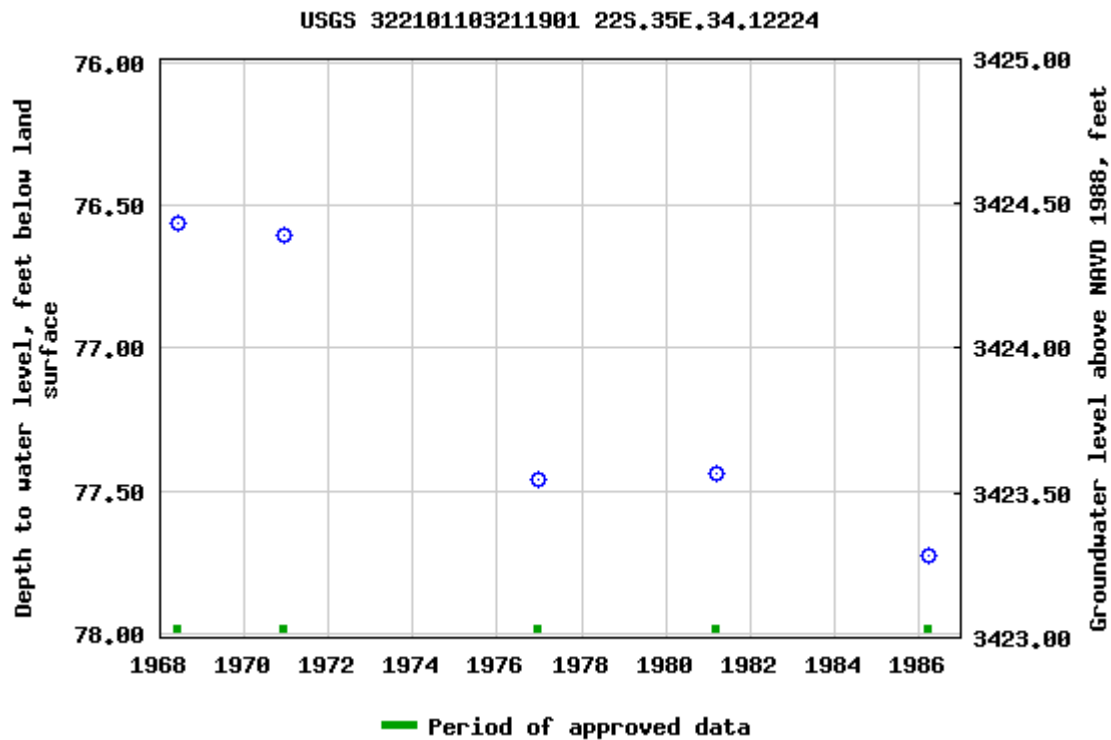
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Title: Groundwater for USA: Water Levels

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



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0.78 0.71 nadww01



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USGS 322101103211902 22S.35E.34.12224A

Available data for this site

Groundwater: Field measurements

GO

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 (N9999OTHER) national aquifer.

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

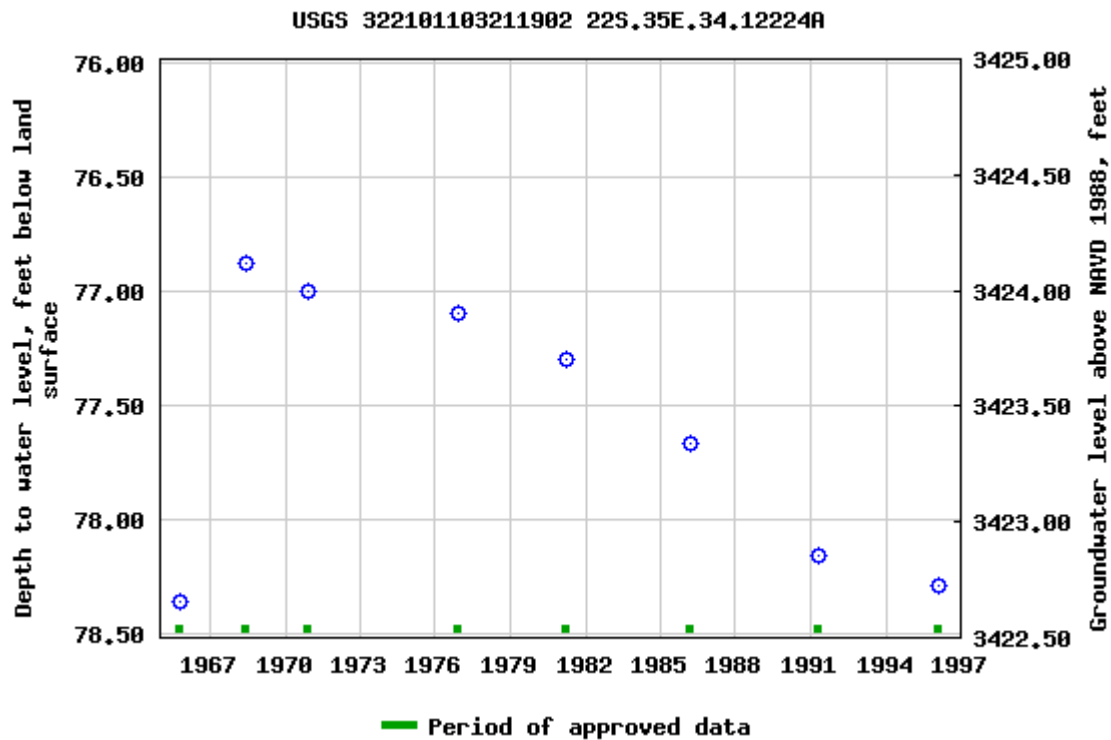
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Breaks in the plot represent a gap of at least one year between field measurements.

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USGS 322238103225201 22S.35E.20.22442

Available data for this site

Groundwater: Field measurements

GO

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 (N9999OTHER) national aquifer.

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

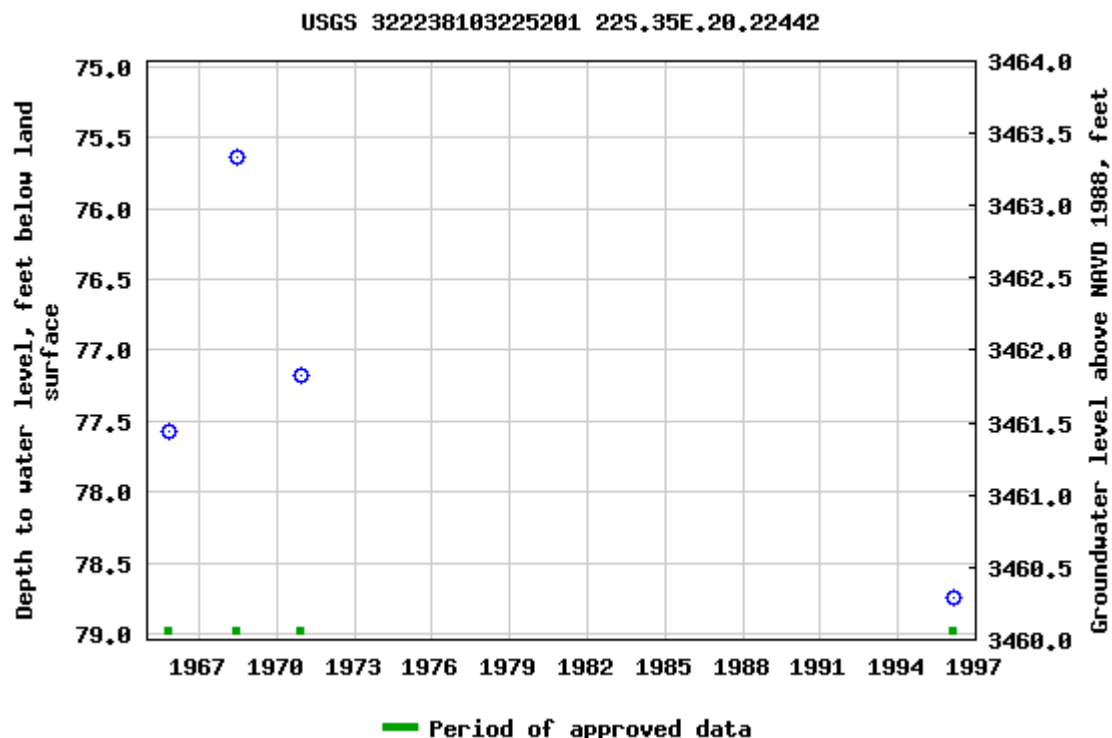
Output formats

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[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2023-10-31 15:28:35 EDT

0.68 0.59 nadww01



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USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

[Click for News Bulletins](#)

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322238103225202

Minimum number of levels = 1

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

USGS 322238103225202 22S.35E.20.22442A

Available data for this site

Groundwater: Field measurements

GO

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 (N9999OTHER) national aquifer.

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

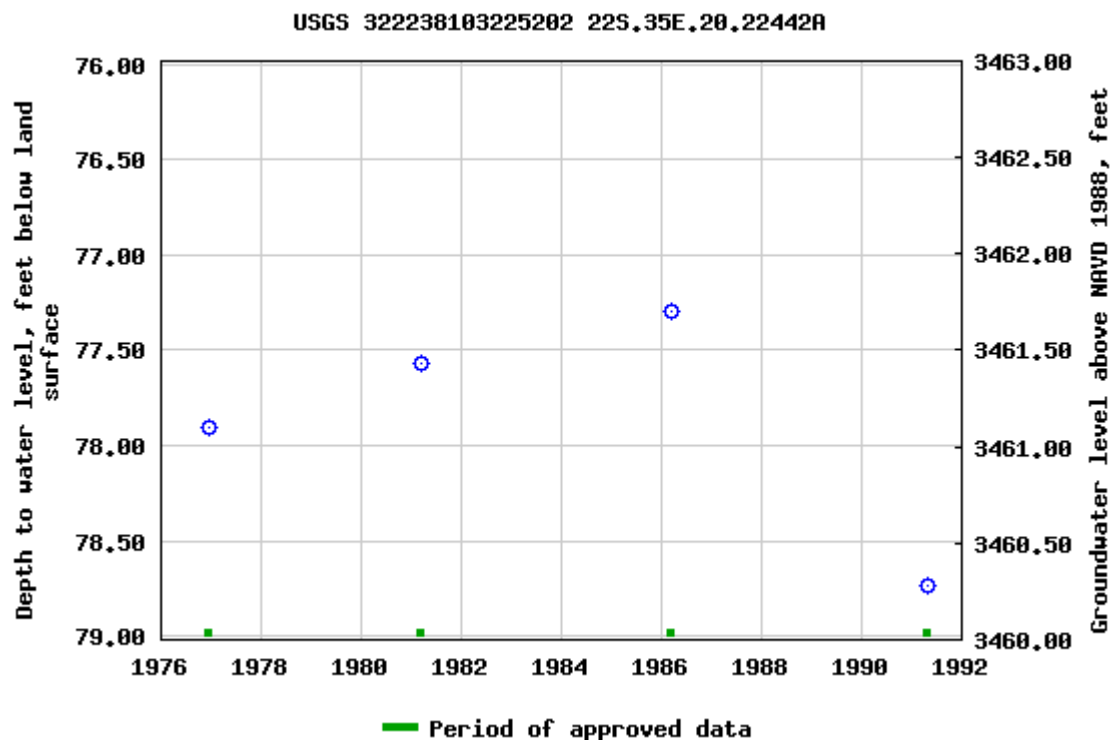
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2023-10-31 15:28:36 EDT

0.78 0.66 nadww01

Appendix B

Field Data



ETECH
Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project: Bridge State 29

Project Number: 19281

Latitude: 32.35634

Longitude: -103.37684

Sample ID	PID/Odor	Chloride Conc.	GPS
SW 1	—	396	
FL 1 @ 3 1/2	—	592	
WW 1	—	284	
FL 2 @ 3 1/2	—	1212	
FL 2 @ 4 1/2	—	592	
FL 3 @ 3 1/2	—	900	
FL 4 @ 3 1/2	—	900	
FL 3 @ 4 1/2	—	1724	
FL 3 @ 5 1/2	—	532	
FL 4 @ 5 1/2	—	532	
WW 2	—	696	
EW 1	—	392	
WW 2	—	484	
FL 5 @ 5 1/2 2.0	—	196	
FL 6 @ 6	—	604	
FL 7 @ 6	—	696	
FL 6 @ 7 1/2 5.8	—	1220	
FL 7 @ 7 1/2 3.3	—	500	
FL 8 @ 7 1/2 4.4	—	716	
FL 9 @ 7 1/2 4.4	—	716	
FL 10 @ 7 1/2 4.6	—	776	
FL 11 @ 7 1/2 3.4	—	456	
FL 6 @ 8 3.6	—	500	
FL 9 @ 8 2.6	—	500	
FL 10 @ 8 2.0	—	196	
FL 12 @ 8 3.6	—	500	
FL 13 @ 8 2.0	—	196	
FL 8 @ 8 2.4	—	260	
FL 14 @ 8 2.4	—	260	
NW 1	3.0	368	
FL 15 @ 8 3.2	—	412	
FL 16 @ 8 3.4	—	456	
EW 2	2.11	456	
FL 17 @ 4 3.2	—	412	
FL 18 @ 5 3.4	—	456	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas





Sample Log

Date: _____

Project: Bridge State 29

Project Number: 19281 Latitude: 32.35634 Longitude: -103.37684

Sample ID	PID/Odor	Chloride Conc.	GPS
 FL19 @ 1 1/2	 3.2 -	436	
FL20 @ 1 1/2	2.2 -	240	
FL21 @ 1 1/2	2.6 -	702	
FL22 @ 1 1/2	2.6 -	702	
FL23 @ 1 1/2	2.0 -	208	
SW2	3.0 -	392	
FL24 @ 1 1/2	2.0 -	208	
FL25 @ 1 1/2	3.0 -	392	
FL26 @ 1 1/2	3.0 -	392	
FL27 @ 1 1/2	4.4 -	760	
NW2	3.0 -	392	
FL28 @ 1 1/2	4.6 -	824	
FL29 @ 1 1/2	5.0 -	964	
FL30 @ 2	3.6 -	532	
FL31 @ 2	2.0 -	208	
SW3	6.6 -	1724	
FL27 @ 2 1/2	2.0 -	208	
FL28 @ 2 1/2	2.0 -	208	
FL21 @ 2 1/2	3.4 -	484	
FL30 @ 2	3.2 -	436	
FL31 @ 2	3.0 -	392	
FL32 @ 2	3.2 -	436	
FL33 @ 2	2.0 -	208	
FL34 @ 2	5.0 -	964	
FL35 @ 2	2.4 -	272	
FL36 @ 2	2.4 -	272	
FL37 @ 2	4.2 -	816	
FL38 @ 2	4.4 -	760	
FL39 @ 2	4.6 -	824	
NW3	3.0 -	392	
SW3 @ 2 1/2	3.2 -	436	
FL34 @ 2 1/2	2.4 -	240	
FL37 @ 2 1/2	2.2 -	272	
FL38 @ 2 1/2	3.4 -	484	
FL39 @ 2 1/2	2.2 -	240	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Bridge State 29

Project Number: 19281 Latitude: 32.35634 Longitude: -103.37684

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 40 @ 2	2.0	208	FL 57 @ 4'
FL 41 @ 2	4.2	696	FL 58 @ 4'
FL 42 @ 2	3.4	484	FL 59 @ 4'
FL 43 @ 2	2.6	702	FL 60 @ 4'
FL 44 @ 2	5.0	964	FL 61 @ 4'
FL 45 @ 2	2.6	702	FL 62 @
FL 41 @ 2 1/2	-	436	FL 63 @ 4'
FL 43 @ 2 1/2	-	532	FL 64 @ 2'
FL 44 @ 3	-	696	FL 65 @ 3'
FL 45 @ 2 1/2	-	436	FL 66 @ 3'
FL 46 @ 2	-	584	FL 67 @ 5'
FL 47 @ 2	-	240	FL 68 @ 5'
FL 48 @ 2	-	120	FL 69 @ 3'
WW 3	-	484	FL 68 @ 3'
EW 3	-	436	WW 3
FL 49 @ 2	-	584	FL 69 @ 2'
FL 50 @ 2	-	240	FL 70 @ 2'
FL 51 @ 2	-	436	FL 71 @ 2'
FL 52 @ 2	-	208	FL 72 @ 2'
FL 53 @ 2	-	1204	FL 73 @ 2'
FL 54 @ 2	-	6624	FL 74 @ 2'
FL 55 @ 2	-	2976	FL 75 @ 2'
FL 56 @ 2	-	292	FL 76 @ 2'
WW 4	-	2163	FL 77 @ 2'
FL 57 @ 3'	-	1242	FL 78 @ 2'
FL 55 @ 3'	-	4142	FL 79 @ 2'
WW 4	-	436	FL 80 @ 3'
FL 53 @ 3'	-	488	FL 81 @ 2'
FL 54 @ 4'	-	1696	FL 80 @ 1'
FL 55 @ 4'	-	2346	FL 81 @ 1'
FL 54 @ 5	-	498	FL 82 @ 1'
FL 55 @ 5	-	584	FL 83 @ 1'
FL 57 @ 3'	-	1384	FL 90 @ 2'
FL 58 @ 3'	-	838	FL 91 @ 2'
FL 59 @ 3'	-	1584	FL 92 @ 2'
FL 60 @ 3'	-	708	FL 93 @ 2'

Sample Point = SP #1 @ ## etc Test Trench = TT #1 @ ## Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc Refusal = SP #1 @ 4'-R Stockpile = Stockpile #1
Sidewall = SW #1 etc Soil Intended to be Deferred = SP #1 @ 4' In-Situ GPS Sample Points, Center of Comp Areas

Sample Log

Date: _____

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

[illegible]

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log


Photo Number: 1	<div>Dec 13, 2023 at 12:36:00 PM +32.356705,-103.376775 139° SE Eunice NM 88231 United States</div> 
Photo Direction: Southeast	
Photo Description: View of affected area.	

Photo Number: 2	<div>Dec 13, 2023 at 12:34:15 PM +32.356533,-103.376188 226° SW Eunice NM 88231 United States</div> 
Photo Direction: Southwest	
Photo Description: View of affected area.	

Photographic Log



Photo Number: 3	<div>Dec 13, 2023 at 12:34:12 PM +32.356533,-103.376188 180° S Eunice NM 88231 United States</div> 
Photo Direction: South	
Photo Description: View of affected area.	

Photo Number: 4	<div>Dec 13, 2023 at 12:33:52 PM +32.356409,-103.375945 152° SE Eunice NM 88231 United States</div> 
Photo Direction: South-Southeast	
Photo Description: View of affected area.	

Photographic Log



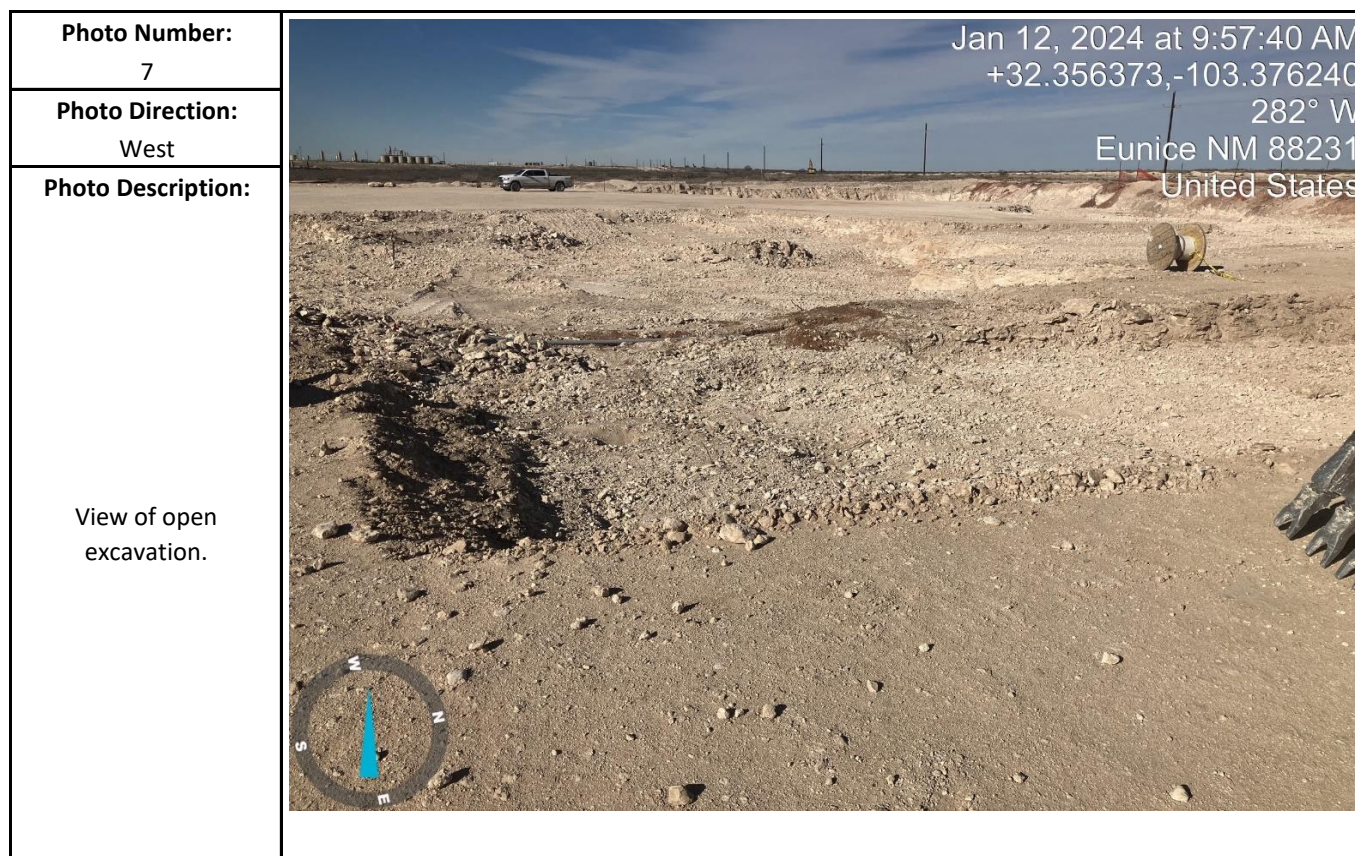
Photo Number: 5	<div>Jan 12, 2024 at 9:58:39 AM +32.356655,-103.376490 264° W Eunice NM 88231 United States</div> 
Photo Direction: West	
Photo Description: View of open excavation.	

Photo Number: 6	<div>Jan 12, 2024 at 9:57:02 AM +32.356209,-103.376341 313° NW Eunice NM 88231 United States</div> 
Photo Direction: Northwest	
Photo Description: View of open excavation.	

Photographic Log



Photographic Log



Photo Number: 9	<div>1/26/24, 2:58 PM +32.356202,-103.376652 NM,Eunice</div> 
Photo Direction: North	
Photo Description: View of remediated area after backfill and grading.	

Photo Number: 10	<div>1/26/24, 2:58 PM +32.356206,-103.376760 NM,Eunice</div> 
Photo Direction: North	
Photo Description: View of remediated area after backfill and grading.	

Photographic Log



Photo Number: 11	 <p>1/26/24, 2:58 PM +32.356233,-103.376994 NM, Eunice</p>
Photo Direction: North	
Photo Description: View of remediated area after backfill and grading.	

Photo Number: 12	 <p>1/26/24, 2:58 PM +32.356233,-103.376994 NM, Eunice</p>
Photo Direction: Northwest	
Photo Description: View of remediated area after backfill and grading.	

Appendix D

Laboratory Analytical Reports



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 1 (H240027-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

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		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 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 2 (H240027-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

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		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 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW 3 (H240027-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/04/2024	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 1 (H240027-04)

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) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/04/2024	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 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW 2 (H240027-05)

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) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 1 (H240027-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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



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Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 2 (H240027-07)

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) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	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 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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



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Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 3 (H240027-08)

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) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 1 (H240027-09)

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) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	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 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW 2 (H240027-10)

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) 108 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	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 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	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 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	01/04/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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



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Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	2.00	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

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	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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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
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

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	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/04/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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



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

Analytical Results For:

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

Received: 01/03/2024
 Reported: 01/05/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES

Sampling Date: 01/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/04/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.							BILL TO								ANALYSIS REQUEST												
Project Manager: Joel Lowry							P.O. #:							<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>													
Address: 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:																				
Project Location: Rural Lea County							Phone #:																				
Sampler Name: Dominic Casarez							Fax #:																				
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR C)COMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING																	
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :		DATE	TIME															
H240027				C	1	X			X		1/2/24		X	X	X												
2		NW2		C	1	X			X		1/2/24		X	X	X												
3		NW3		C	1	X			X		1/2/24		X	X	X												
4		EW1		C	1	X			X		1/2/24		X	X	X												
5		EW2		C	1	X			X		1/2/24		X	X	X												
6		SW1		C	1	X			X		1/2/24		X	X	X												
7		SW2		C	1	X			X		1/2/24		X	X	X												
8		SW3		C	1	X			X		1/2/24		X	X	X												
9		WW1		C	1	X			X		1/2/24		X	X	X												
10		WW2		C	1	X			X		1/2/24		X	X	X												
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Relinquished By: [Signature]							Date: 1-3-24 Received By: [Signature]							Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:													
Time: 1442														Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:													
REMARKS:																											
Relinquished By:							Date:							Received By:													
Time:																											
Delivered By: (Circle One)							#140							Sample Condition Cool Intact					CHECKED BY: (Initials)								
Sampler - UPS - Bus - Other:							2.2c							<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
Please email copy of COC and results to pm@etechenv.com.																											



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

FORM-006
Revision 1.0

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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																	
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																	
Address: 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:																																					
Project Location: Rural Lea County				Phone #:																																					
Sampler Name: Dominic Casarez				Fax #:																																					
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																															
Lab I.D.		Sample I.D.		(G/RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H240027				C 1		1		X										X		1/2/24				X		X		X													
21 FL11 @ 7.5'				C 1		1		X										X		1/2/24				X		X		X													
22 FL12 @ 8'				C 1		1		X										X		1/2/24				X		X		X													
23 FL13 @ 8'				C 1		1		X										X		1/2/24				X		X		X													
24 FL14 @ 8'				C 1		1		X										X		1/2/24				X		X		X													
25 FL15 @ 8'				C 1		1		X										X		1/2/24				X		X		X													
26 FL16 @ 8'				C 1		1		X										X		1/2/24				X		X		X													
27 FL17 @ 4'				C 1		1		X										X		1/2/24				X		X		X													
28 FL18 @ 5'				C 1		1		X										X		1/2/24				X		X		X													
29 FL19 @ 1.5'				C 1		1		X										X		1/2/24				X		X		X													
30 FL20 @ 1.5'				C 1		1		X										X		1/2/24				X		X		X													
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																									
Relinquished By: [Signature]				Date: 1-3-24				Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																	
Relinquished By: [Signature]				Date: 1-4-24				Received By: [Signature]				REMARKS:																													
Delivered By: (Circle One)				#140				Sample Condition				CHECKED BY:				Please email copy of COC and results to pm@etechenv.com.																									
Sampler - UPS - Bus - Other:				2.2c				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>				(Initials)																													
								Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																													

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 19281 Project Owner: Permian Resources Project Name: Bridge State 29 Project Location: Rural Lea County Sampler Name: Dominic Casarez		BILL TO P.O. #: Company: Etech Attn: Joel Lowry Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST														
FOR LAB USE ONLY Lab I.D. H240027		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	PRESERV. ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE TIME	Chloride TPH (8015M) BTEX (8021B)										
31	FL21 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
32	FL22 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
33	FL23 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
34	FL24 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
35	FL25 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
36	FL26 @ 1.5'	C	1		X		X	1/2/24		X	X	X						
37	FL27 @ 2.5'	C	1		X		X	1/2/24		X	X	X						
38	FL28 @ 2.5'	C	1		X		X	1/2/24		X	X	X						
39	FL29 @ 2.5'	C	1		X		X	1/2/24		X	X	X						
40	FL30 @ 1.5'	C	1		X		X	1/2/24		X	X	X						

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Relinquished By: Relinquished By:	Date: 1-3-24 Time: 1442	Received By: Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Date: Time:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO		ANALYSIS REQUEST																							
Project Manager: Joel Lowry		P.O. #: 11		<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																							
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:																									
Project Location: Rural Lea County		Phone #:																									
Sampler Name: Dominic Casarez		Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H240027																											
41	FL31 @ 2'	C	1		X					X			1/2/24		X	X	X										
42	FL32 @ 2'	C	1		X					X			1/2/24		X	X	X										
43	FL33 @ 2'	C	1		X					X			1/2/24		X	X	X										
44	FL34 @ 2.5'	C	1		X					X			1/2/24		X	X	X										
45	FL35 @ 2'	C	1		X					X			1/2/24		X	X	X										
46	FL36 @ 2'	C	1		X					X			1/2/24		X	X	X										
47	FL37 @ 2.5'	C	1		X					X			1/2/24		X	X	X										
48	FL38 @ 2.5'	C	1		X					X			1/2/24		X	X	X										
49	FL39 @ 2.5'	C	1		X					X			1/2/24		X	X	X										
50	FL40 @ 2'	C	1		X					X			1/2/24		X	X	X										
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Relinquished By:		Date: 1-3-24		Received By:		Time: 1442		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:		REMARKS:											
Relinquished By:		Date:		Received By:		Time:																					
Delivered By: (Circle One)																											
Sampler - UPS - Bus - Other:		#140		Sample Condition		Cool Intact		CHECKED BY: (Initials)								Please email copy of COC and results to pm@etechenv.com.											
		22c		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/10/2024
 Reported: 01/15/2024
 Project Name: BRIDGE STATE 29
 Project Number: 19281
 Project Location: PERMIAN RESOURCES - LEA CO.

Sampling Date: 01/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: EW 3 (H240108-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/10/2024	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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/10/2024	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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/10/2024	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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/10/2024	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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/10/2024	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		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) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 2617 W MARLAND
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 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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

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 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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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 2617 W MARLAND
 HOBBS NM, 88240
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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		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) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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 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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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 2617 W MARLAND
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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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/10/2024	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		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) 113 % 71.5-134

Chloride, SM4500Cl-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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Analytical Results For:

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 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		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) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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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		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) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Analytical Results For:

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 JOEL LOWRY
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 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		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) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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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		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) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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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		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) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Analytical Results For:

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 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 % 71.5-134

Chloride, SM4500Cl-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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 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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/10/2024	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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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 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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
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 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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Analytical Results For:

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 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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Analytical Results For:

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 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/10/2024	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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/10/2024	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		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	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 % 71.5-134

Chloride, SM4500Cl-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	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476				BILL TO				ANALYSIS REQUEST																													
Company Name: Etech Environmental & Safety Solutions, Inc.				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																													
Project Manager: Joel Lowry				Company: Etech																																	
Address: 2617 West Marland				Attn: Joel Lowry																																	
City: Hobbs		State: NM		Zip: 88240		Address:																															
Phone #: (575) 264-9884		Fax #:		City:		State:																															
Project #: 19281		Project Owner: Permian Resources		Zip:		Phone #:																															
Project Name: Bridge State 29				Fax #:																																	
Project Location: Rural Lea County																																					
Sampler Name: Dominic Casarez																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H240108				C 1				X				X		1/9/24				X		X		X															
1		EW3		C 1				X				X		1/9/24				X		X		X															
2		WW3		C 1				X				X		1/9/24				X		X		X															
3		NW4		C 1				X				X		1/9/24				X		X		X															
4		FL41 @ 2.5'		C 1				X				X		1/9/24				X		X		X															
5		FL43 @ 2.5'		C 1				X				X		1/9/24				X		X		X															
6		FL44 @ 3'		C 1				X				X		1/9/24				X		X		X															
7		FL45 @ 2.5'		C 1				X				X		1/9/24				X		X		X															
8		FL46 @ 2'		C 1				X				X		1/9/24				X		X		X															
9		FL47 @ 2'		C 1				X				X		1/9/24				X		X		X															
10		FL48 @ 2'		C 1				X				X		1/9/24				X		X		X															
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																																					
Relinquished By:				Date: 1-10-24				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																					
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				Time:								REMARKS:																									
Delivered By: (Circle One)				-7.10c				Sample Condition				CHECKED BY:																									
Sampler - UPS - Bus - Other:				#1140				Cool Intact				(Initials)																									
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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: Joel Lowry

Address: 2617 West Marland

City: Hobbs State: NM Zip: 88240

Phone #: (575) 264-9884

Fax #:

Project #: 19281

Project Owner: Permian Resources

Project Name: Bridge State 29

Project Location: Rural Lea County

Sampler Name: Dominic Casarez

BILL TO

P.O. #:

Company Etech

Attn: Joel Lowry

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Chloride

TPH (8015M)

BTEX (8021B)

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

GRAB OR (COMP.)

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

MATRIX

PRESERV.

SAMPLING

DATE

TIME

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12
13
14
15
16
17
18
19
20

FL49 @ 2'

FL50 @ 2'

FL51 @ 2'

FL52 @ 2'

FL53 @ 3'

FL54 @ 5'

FL55 @ 5'

FL56 @ 2'

FL57 @ 4'

FL58 @ 5'

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: Joel Lowry

Address: 2617 West Marland

City: Hobbs State: NM Zip: 88240

Phone #: (575) 264-9884 Fax #:

Project #: 19281 Project Owner: Permian Resources

Project Name: Bridge State 29

Project Location: Rural Lea County

Sampler Name: Dominic Casarez

BILL TO

P.O. #:

Company Etech

Attn: Joel Lowry

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Chloride

TPH (8015M)

BTEX (8021B)

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(GRAB OR C/COMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

MATRIX

PRESERV.

SAMPLING

DATE

TIME

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FL59 @ 5'
FL60 @ 4'
FL61 @ 4'
FL65 @ 3'
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FL67 @ 3'
FL68 @ 3'
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Relinquished By:


Date:

1-10-24

Time:

14:25

Received By:



Relinquished By:

Date:

Time:

Received By:

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

☐ Yes ☐ Yes


☐ No ☐ No

CHECKED BY:

(Initials)

-7.10

#140





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

BILL TO

ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 67 of 67

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Joel Lowry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																					
Address: 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:																									
Project Location: Rural Lea County				Phone #:																									
Sampler Name: Dominic Casarez				Fax #:																									
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
H240108																													
51	FL90 @ 2'	C	1			X				X			1/9/24		X	X	X												
52	FL91 @ 2'	C	1			X				X			1/9/24		X	X	X												
53	FL92 @ 2'	C	1			X				X			1/9/24		X	X	X												
54	FL93 @ 2'	C	1			X				X			1/9/24		X	X	X												
55	SW4	C	1			X				X			1/9/24		X	X	X												
56	WW3	C	1			X				X			1/9/24		X	X	X												
57	WW4	C	1			X				X			1/9/24		X	X	X												
58	FL32 @ 3'	C	1			X				X			1/9/24		X	X	X												
59	SW3B	C	1			X				X			1/9/24		X	X	X												
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																													
Relinquished By: <i>[Signature]</i>				Date: 1-10-24				Received By: <i>[Signature]</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:													
Time: 14:05												Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:													
Relinquished By:				Date:				Received By:				REMARKS:																	
Time:																													
Delivered By: (Circle One)				2.10L				Sample Condition				CHECKED BY: (Initials)																	
Sampler - UPS - Bus - Other:				#14D				Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<i>[Signature]</i>																	

FORM-006
Revision 1.0

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

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/12/2024	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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/12/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 19281 Project Owner: Permian Resources Project Name: Bridge State 29 Project Location: Rural Lea County Sampler Name: Dominic Casarez				BILL TO P.O. #: Company: Etech Attn: Joel Lowry Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST										
FOR LAB USE ONLY 14240150 1240501 Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	PRESERV. ACID/BASE ICE / COOL OTHER	SAMPLING DATE TIME	Chloride TPH (8015M) BTEX (8021B)										
1		FL94 @ 2'		C 1	X	X	1/10/24		X	X	X							
2		FL95 @ 2'		C 1	X	X	1/10/24		X	X	X							
3		FL96 @ 3'		C 1	X	X	1/10/24		X	X	X							
4		FL97 @ 3'		C 1	X	X	1/10/24		X	X	X							
5		NW5		C 1	X	X	1/10/24		X	X	X							
6		EW4		C 1	X	X	1/10/24		X	X	X							
7		OSFL-1 @ Surf		C 1	X	X	1/10/24		X	X	X							
8		OSFL-2 @ Surf		C 1	X	X	1/10/24		X	X	X							
9		OSFL-3 @ Surf		C 1	X	X	1/10/24		X	X	X							
10		OSFL-4 @ Surf		C 1	X	X	1/10/24		X	X	X							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																		
Relinquished By: Date: 1/12/24 Time: 15:04				Received By: Date: Time:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:										
Relinquished By: Date: Time:				Received By: Date: Time:				RUSH SAMPLES Please email copy of COC and results to pm@etechenv.com.										
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				CHECKED BY: (Initials) 										

FORM-006
Revision 1.0

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



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101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

FORM-006
Revision 1.0

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



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

January 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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/15/2024	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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	01/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	01/16/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/15/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/15/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/15/2024	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2024	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		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: Joel Lowry

Address: P.O. Box 301

City: Lovington

State: NM Zip: 88260

Phone #: (575) 396-2378

Fax #: (575) 396-1429

Project #: 19281

Project Owner: Premier Resources

Project Name: Bridge State 24

Project Location: Rural Lea County

Sampler Name: Aaron Rios

BILL TO

P.O. #:

Company: Etech Environmental

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER

ACID/BASE

ICE / COOL

OTHER

DATE

TIME

DATE

TIME

Chloride

TPH (8015M)

BTEX (8021B)

4240200

1
2
3

FL 7 @ 8 1/2
FL 9 @ 8 1/2
FL 12 @ 8 1/2

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Relinquished By:

Aaron Rios

Date: 1-17-24

Time: 4:53

Received By:

Shod Rios

Date:

Time:

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

Sampler ☒ UPS ☐ Bus ☐ Other: 5-4

#140

Sample Condition

Cool ☐ Intact ☐

☐ Yes ☐ No

CHECKED BY:

(Initials)

SR

Rush Samples

Please email results to pm@etechenv.com.

FORM-006

Revision 1.0

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

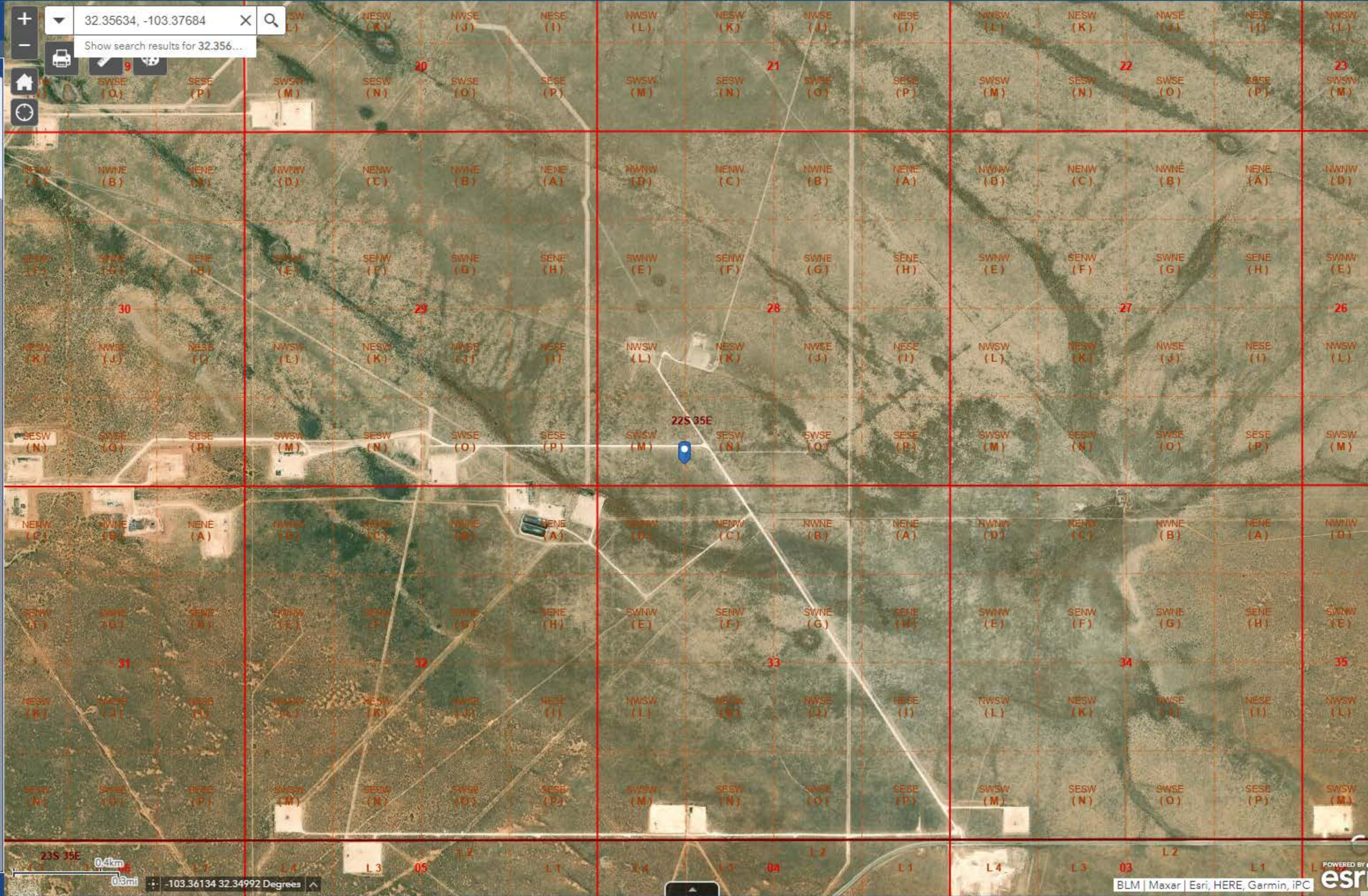
Appendix E

Electronic C-141 Supplement Figures



Layer List

- ☐ USGS Groundwater wells ...
- ☐ Induced Seismicity Area ...
- ☐ Permian Basin Karst Areas ...
- ☐ BLM Oil Gas Leases Case Disp ...
- ☐ BLM Oil Gas Leases Production Status ...
- ☐ BLM Fluid Minerals Case ...
- ☐ 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 Area and Unit Agreement Boundaries ...
- ☐ Political Boundaries and Transportation ...
- ☐ Mineral and Surface Ownership ...
- ☐ Hydrology ...
- ☐ OCD Districts ...
- ☐ NM Oil and Gas Production Areas ...
- ☒ Public Land Survey System (PLSS) ...
 - ☒ PLSS Townships ...
 - ☐ PLSS First Division ...
 - ☒ PLSS Second Division ...



Layer List

☐

Permian Basin Karst Areas

...

☐

BLM Oil Gas Leases Case Disp

...

☐

BLM Oil Gas Leases Production Status

...

☐

BLM Fluid Minerals Case

...

☐

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 Area and Unit Agreement Boundaries

...

☐

Political Boundaries and Transportation

...

☐

Mineral and Surface Ownership

...

☒

Hydrology

...

☒

NMED Drinking Water Systems

...

☒

OSE Streams

...

☒

OSE Probable Playas

...

☒

OSW Water Bodies

...

☐

OCD Districts

...

☐

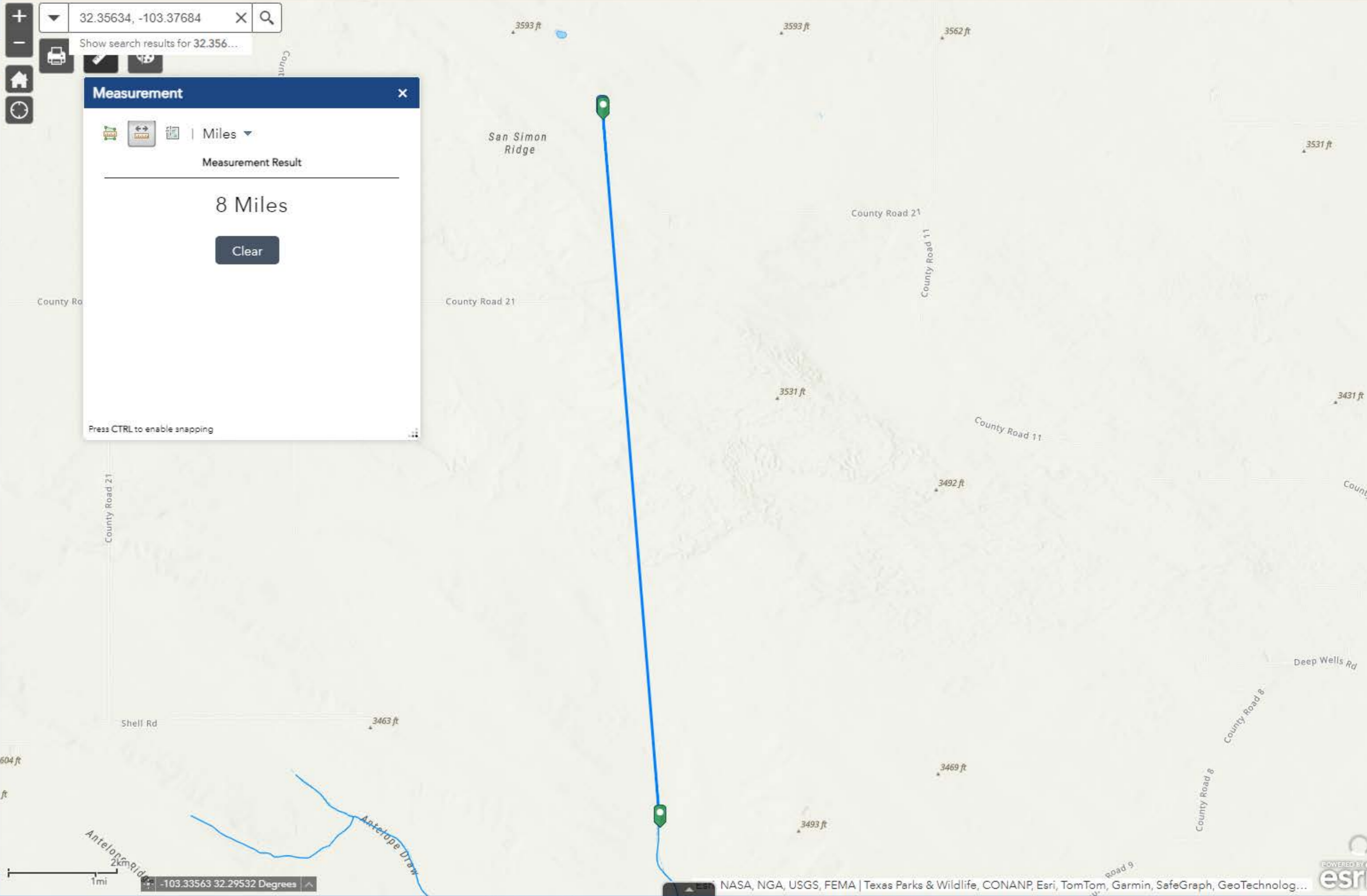
NM Oil and Gas Production Areas

...

☐

Public Land Survey System (PLSS)

...



Layer List

☐

Permian Basin Karst Areas

...

☐

BLM Oil Gas Leases Case Disp

...

☐

BLM Oil Gas Leases Production Status

...

☐

BLM Fluid Minerals Case

...

☐

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 Area and Unit Agreement Boundaries

...

☐

Political Boundaries and Transportation

...

☐

Mineral and Surface Ownership

...

☒

Hydrology

...

☒

NMED Drinking Water Systems

...

☒

OSE Streams

...

☒

OSE Probable Playas

...

☒

OSW Water Bodys

...

☐

OCD Districts

...

☐

NM Oil and Gas Production Areas

...

☐

Public Land Survey System (PLSS)

...

32.35634, -103.37684

Show search results for 32.356...

3593 ft

SAN SIMON RIDGE

3500 ft

Basin Rd

Delaware Basin Rd

0.4km

0.3mi

-103.38878 32.35955 Degrees

NM OSE | Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NA...

esri

Measurement

Miles

Measurement Result

0.55 Miles

Clear

Press CTRL to enable snapping

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

All rights reserved

Layer List

☐

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 Area and Unit Agreement Boundaries

☐

Political Boundaries and Transportation

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Mineral and Surface Ownership

☒

Land Ownership

☐

Mineral Ownership

☐

Hydrology

☐

OCD Districts

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NM Oil and Gas Production Areas

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Public Land Survey System (PLSS)

BLM

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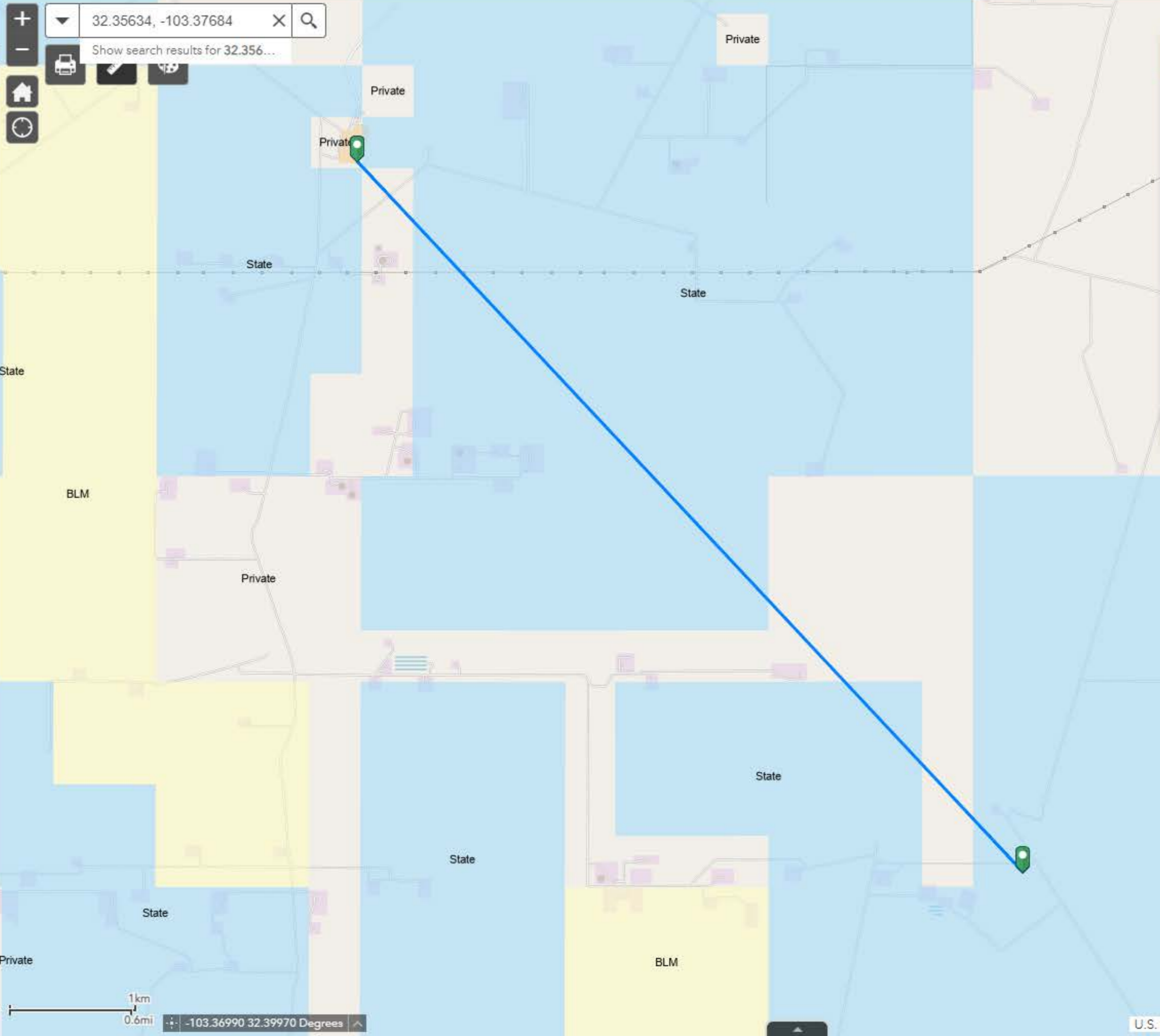
S

SGF

SP

USDA

VCNP



Measurement

Miles

Measurement Result

4.75 Miles

Clear

Press CTRL to enable snapping

Layer List

Layers

☐ OSE Water PODs

☐ M2.5+ Earthquakes (USGS 30-day)

☐ NM Oil and Gas Wells

☐ USGS Groundwater wells

☐ Induced Seismicity Area

☐ Permian Basin Karst Areas

☐ BLM Oil Gas Leases Case Disp

☐ BLM Oil Gas Leases Production Status

☐ BLM Fluid Minerals Case

☐ 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 Area and Unit Agreement Boundaries

☒ Political Boundaries and Transportation

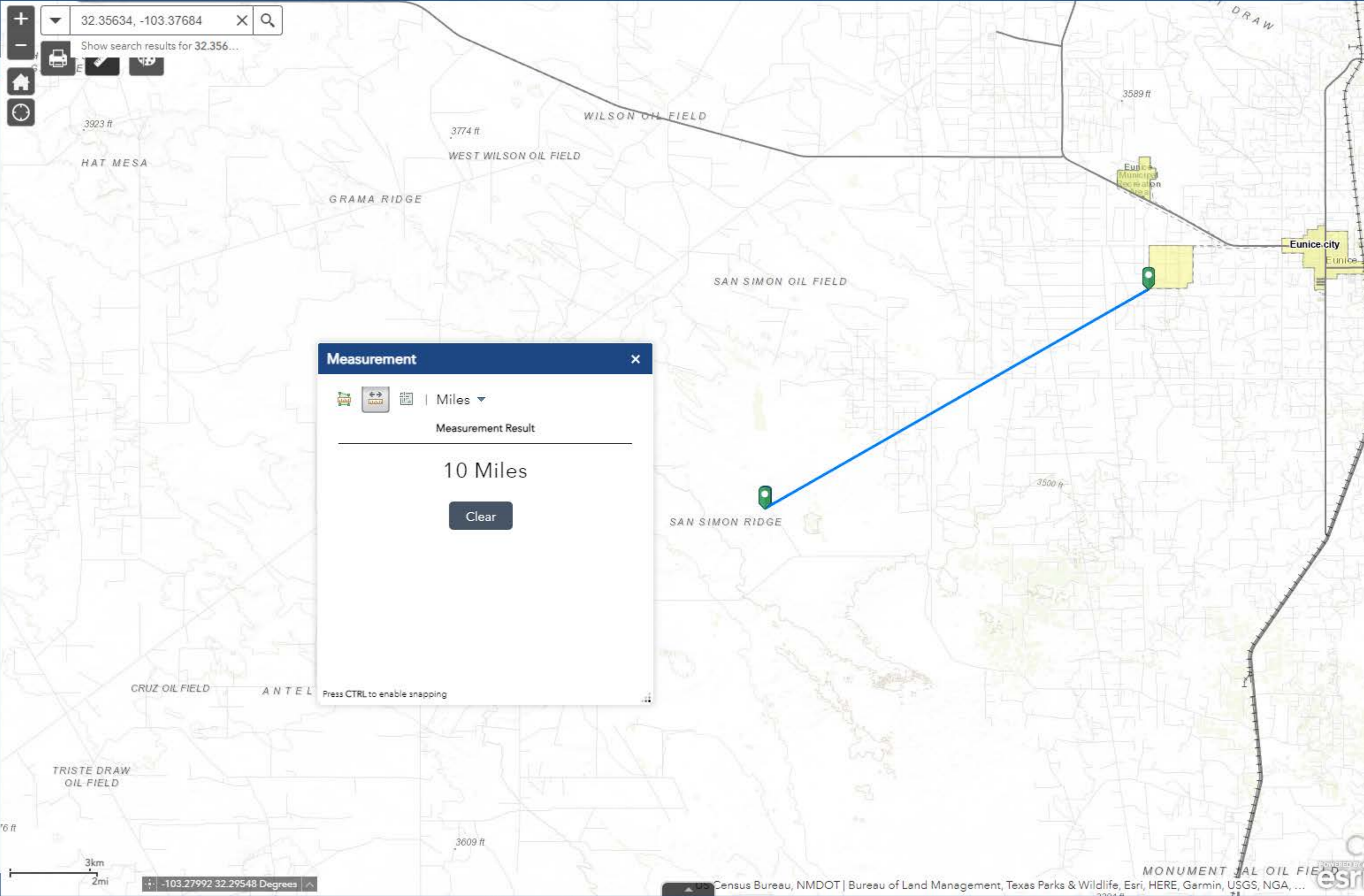
☐ Mineral and Surface Ownership

☐ Hydrology

☐ OCD Districts

☐ NM Oil and Gas Production Areas

☐ Public Land Survey System (PLSS)



BASEMAPS >

MAP LAYERS >

☒ Wetlands

☒ Riparian

☐ Riparian Mapping Areas

☒ Data Source

☐ Source Type

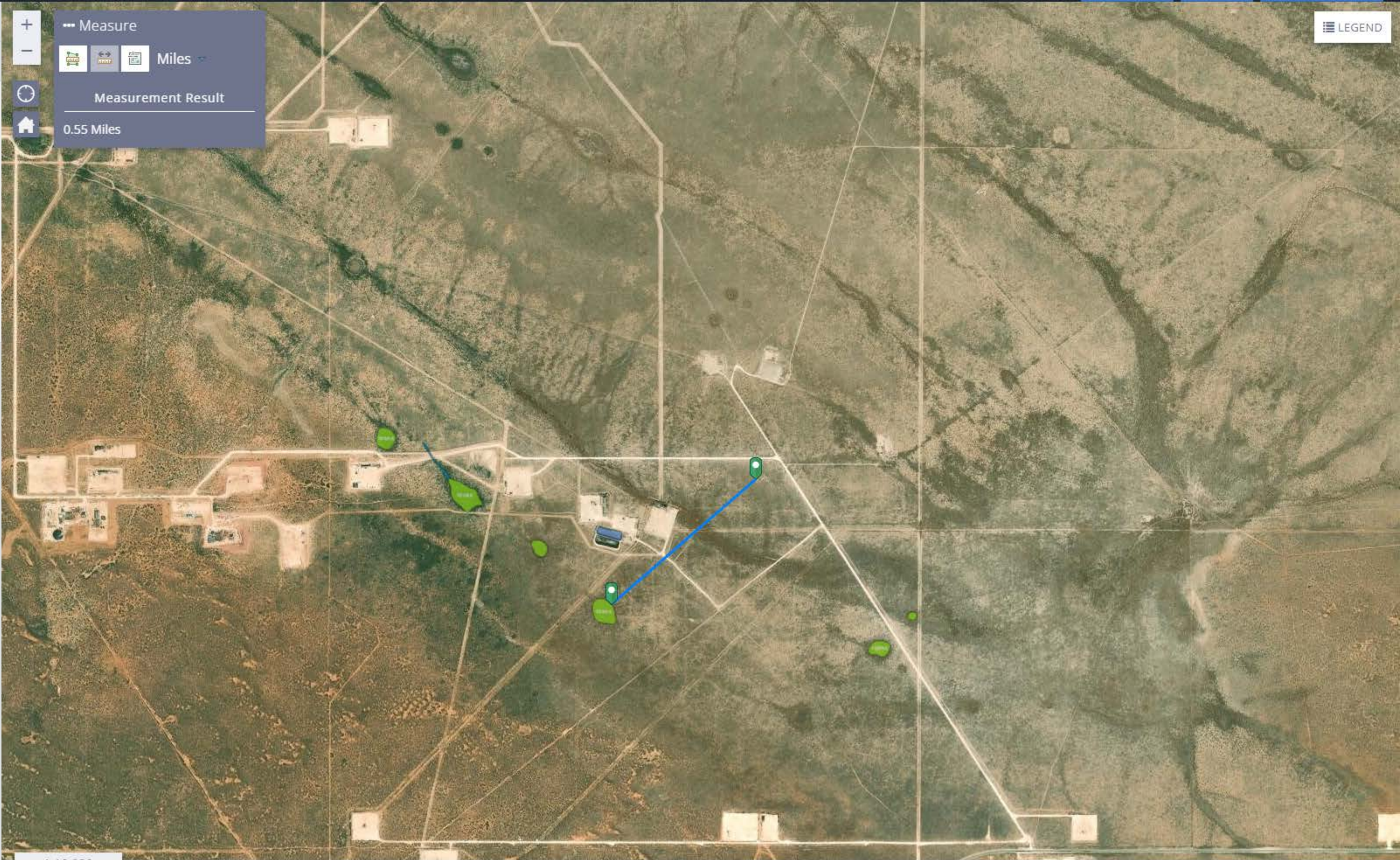
☐ Image Scale

☐ Image Year

☐ Areas of Interest

☐ FWS Managed Lands

☐ Historic Wetland Data

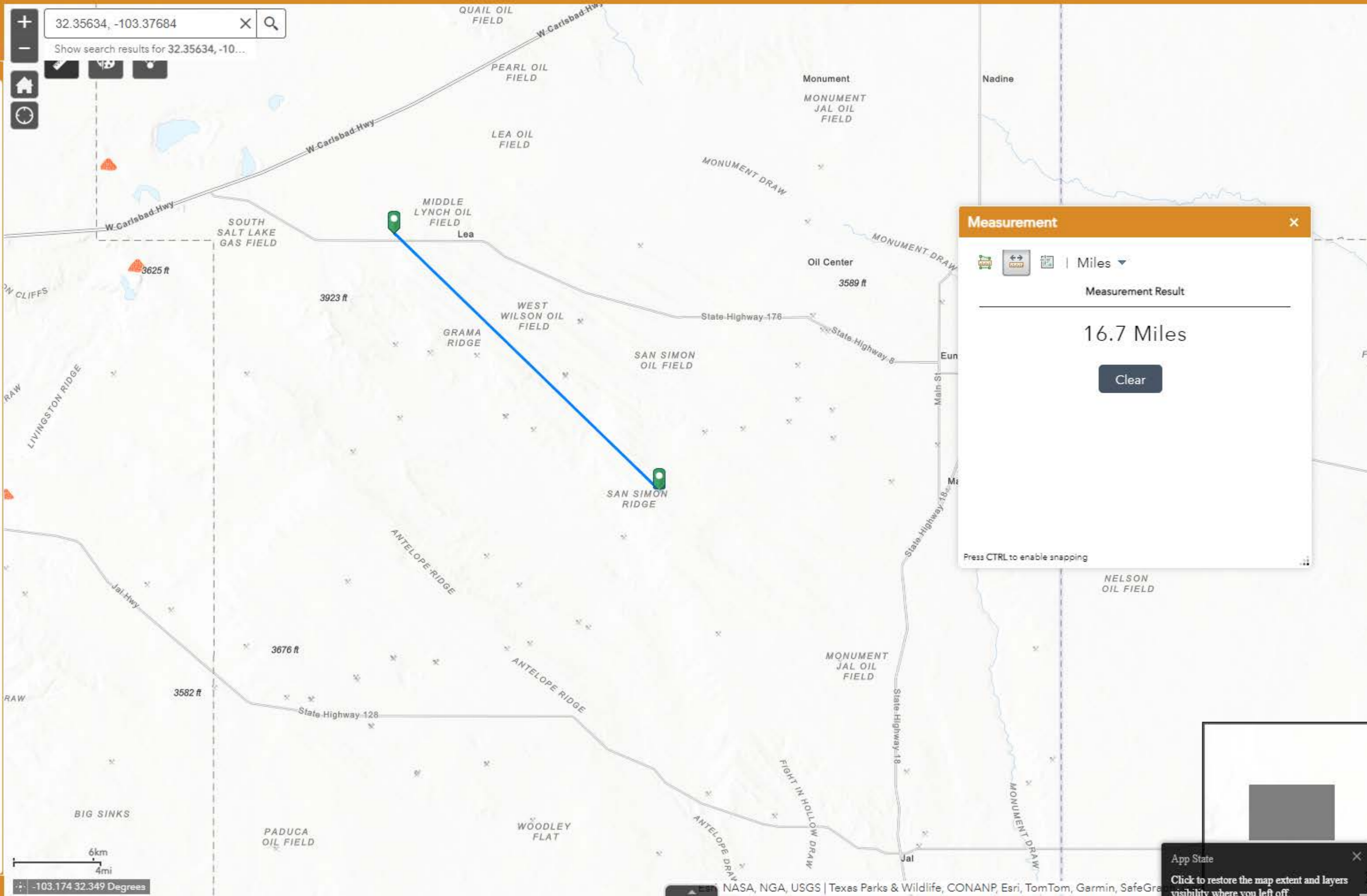




Legend

Registered Mines

- Aggregate, Stone etc.
- Coal
- Gypsum
- Humate
- Industrial Minerals (Other)
- Metals
- Perlite
- Potash
- PM Pumice
- Red Dog, Scoria
- Salt
- U Uranium
- ZE Zeolites



Measurement

Miles

Measurement Result

16.7 Miles

Clear

Press CTRL to enable snapping

App State

Click to restore the map extent and layers visibility where you left off.

Layer List

Layers

☐

OSE Water PODs

☐

M2.5+ Earthquakes (USGS 30-day)

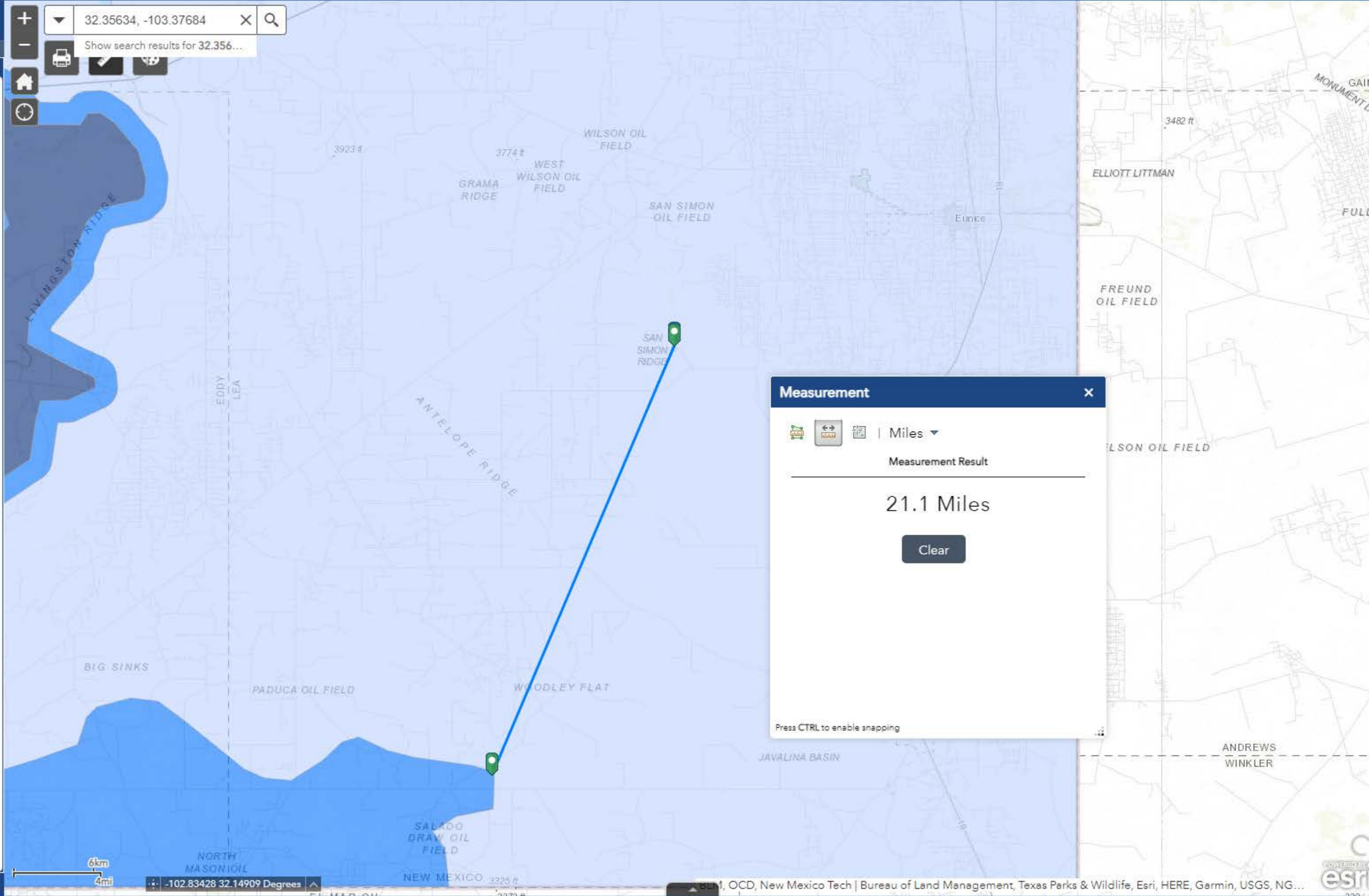
☐

NM Oil and Gas Wells

☐

USGS Groundwater wells

☐

Induced Seismicity Area☒☐☐☐☐☐☐☐☐☐☐☐☐☐☐

+

-

Home

Refresh

32.35634, -103.37684

Show search results for 32.35634, -10...

Measurement

Miles

Measurement Result

13.5 Miles

Clear

Press CTRL to enable snapping

Legend

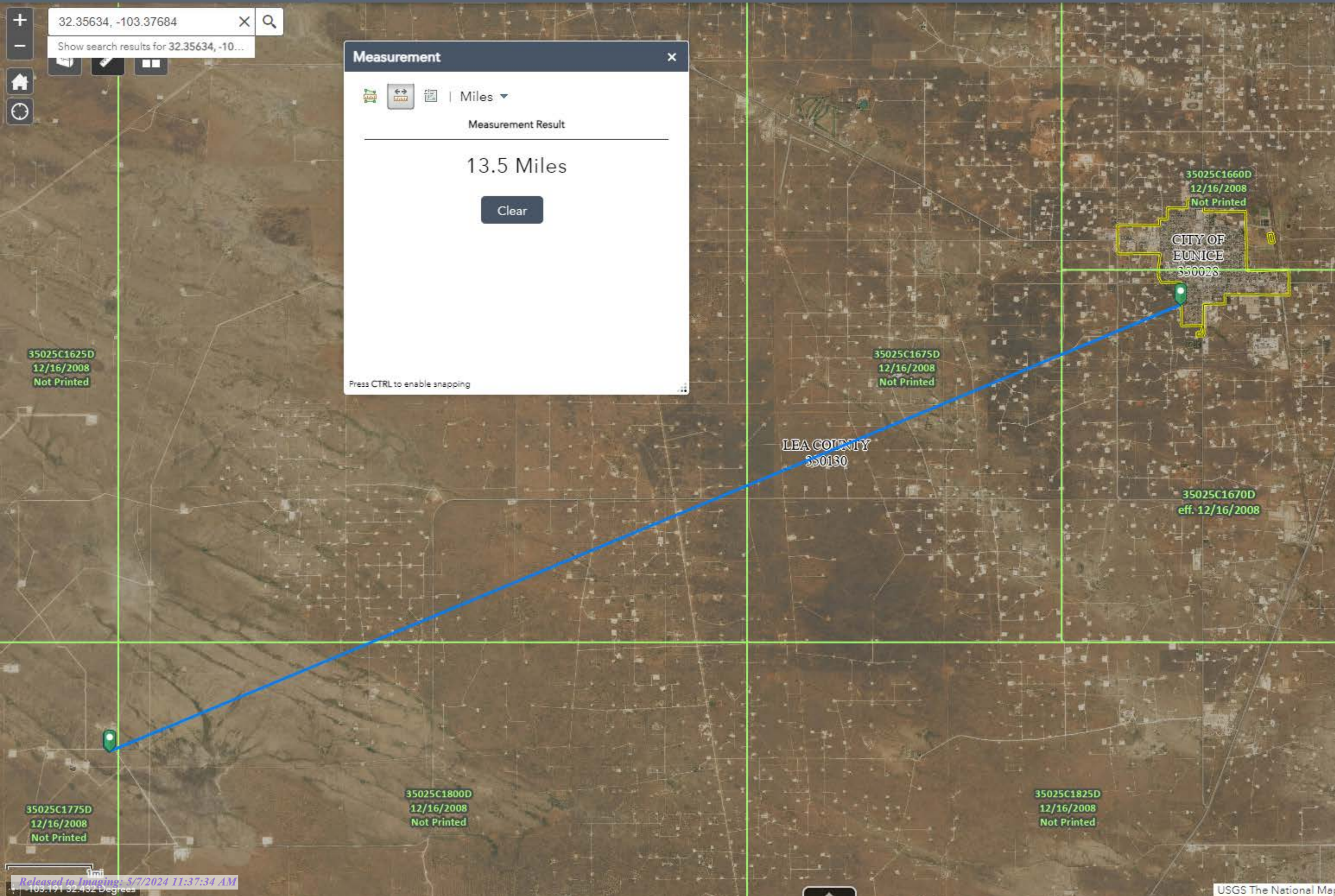
Effective FIRM Panels

GeoIndex

No Digital Data Available

Digital Data Available

Unmapped



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 322758

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:	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	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
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.

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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: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:	372165
	Action Number:	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.
<i>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.</i>	

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.

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

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
--	--

District I

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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 3

Action 322758

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
	372165
	Action Number:
	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 and 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	No

Remediation Plan

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.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl 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

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	12/20/2023
On what date will (or did) the final sampling or liner inspection occur	01/17/2024
On what date will (or was) the remediation complete(d)	01/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	22330
What is the estimated volume (in cubic yards) that will be remediated	4260

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to 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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QUESTIONS, Page 4

Action 322758

QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	NDBL RECYCLE. CLOSED [fsl2019032229]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site 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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
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
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 322758

QUESTIONS (continued)

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

QUESTIONS

Deferral Requests Only	
Only 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	No

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QUESTIONS, Page 6

Action 322758

QUESTIONS (continued)

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

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 (in .pdf format) 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.

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

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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QUESTIONS, Page 7

Action 322758

QUESTIONS (continued)

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

Action 322758

CONDITIONS

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