Page 1 of 196

Incident ID nRM2026847974
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 con	afirmed 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	n, 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: Jacqui Harris	Title: Environmental Coordinator									
Signature:	Date:3/3/2022									
email: jacqui.harris@conocophillips.com	Telephone: (575)745-1807									
OCD Only										
Received by:	Date:									
☐ Approved ☐ Approved with Attached Conditions of	Approval Denied Deferral Approved									
Signature: Jennifer Nobili	Date: 04/20/2022									

Remediation Summary & Deferral Request

COG Operating, LLC SRO State Com 008H

Eddy County, New Mexico
Unit Letter "P", Section 2, Township 26 South, Range 38 East
Latitude 32.0654 North, Longitude 104.0508 West
NMOCD Reference No. nRM2026847974

Prepared By:

Etech Environmental & Safety Solutions, Inc.

2507 79th Street, Unit A Lubbock, Texas 79423

Joel W. Lowry



Midland • San Antonio • Lubbock • Lovington • Lafayette

J. Arguijo

TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
INITIAL SITE ASSESSMENT	
PROPOSED REMEDIATION PLAN	5.0
REGULATORY APPROVALS & STIPULATIONS	6 . 0
REMEDIATION ACTIVITIES SUMMARY	7 . 0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	
DEFERRAL REQUEST	
LIMITATIONS	10.0
DISTRIBUTION	11.0

FIGURES

- Figure 1 Topographic Map
- Figure 2 Aerial Proximity Map
- Figure 3A Site & Sample Location Map (Delineation)
- Figure 3B Site & Sample Location Map (Excavation)

TABLES

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

APPENDICES

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

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of COG Operating, LLC, has prepared this *Remediation Summary & Deferral Request* for the release site known as the SRO State Com 008H (henceforth, "SRO 008H"). The legal description of the site is Unit Letter "P" (SE/SE), Section 2, Township 26 South, Range 38 East, in Eddy County, New Mexico. The property affected by the release is owned by the State of New Mexico and is administered by the New Mexico State Land Office (NMSLO). The geographic coordinates of the point of release are 32.0654° North latitude and 104.0508° West longitude. A topographic map of the area is provided as Figure 1.

On September 2, 2021, while bleeding off gas from the well into a flow-back tank on the pad during a well workover, the flow-back tank and workover rig caught on fire. During initial response activities, the local fire department was called out to extinguish the fire.

The release was reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office on September 3, 2021. The Release Notification and Corrective Action (Form C-141) indicated no fluids were released or lost during the incident.

General photographs of the release site are provided in Appendix C. Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the SRO 008H release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	~60'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes X No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the SRO 008H release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
~60'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

^{*} Measured in milligrams per kilogram (mg/kg)

4.0 INITIAL SITE ASSESSMENT

On April 23, 2021, Etech conducted an initial site assessment. During the initial site assessment, two (2) hand-augered soil bores (V 1 and V 2) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, a series of hand-augered soil bores (NH, NHB, EH, EHB, SH, SHB, WH, and WHB) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit and for the presence of volatile organic compounds (VOCs) utilizing visual/olfactory senses.

Based on field observations and field test data, ten (10) delineation soil samples (NH @ 0"-6", NHB @ 0"-6", EH 0"-6", EHB 0"-6", SH 0"-6", SHB 0"-6", WH 0"-6", WHB 0"-6", V 1 @ 1', and V 2 @ 3') were submitted to a certified commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined, and soil was not affected above the NMOCD Closure Criteria beyond three (3) feet below ground surface (bgs). However, additional delineation was required to determine the horizontal extent of impacted soil in the areas characterized by sample points NHB, SH, and WHB.

On April 30, 2021, four (4) additional hand-augered soil borings (NHC, EHB, SHB, and WHC) were advanced at the inferred edges of the affected area to further investigate the horizontal extent of impacted soil. Based on field observations and field test data, eight (8) delineation soil samples (NHC @ 0-6", NHC @ 1', EHB @ 1', SHB @ 1', WHC @ 0-6", WHC @ 1', V 1 @ Surf., and V 2 @ Surf.) were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal extent of impacted soil was adequately defined.

The locations of the hand-augered soil bores are depicted in Figure 3A, "Site & Sample Location Map (Delineation)". Soil chemistry data is summarized in Table 1. Field data and soil profile logs are provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, COG Operating, LLC, proposed the following remediation activities designed to advance the SRO 008H release site toward an approved closure:

• Utilizing mechanical equipment, excavate impacted soil affected above the NMOCD Closure Criteria in the area characterized by sample point V 2 to a depth of three (3) feet bgs. Excavate impacted soil affected above the NMOCD Closure Criteria in the areas characterized by sample points V 1, NHB, WHB, and SH to a depth of one (1) foot bgs. Advance the floor and sidewalls of the excavated areas until laboratory analytical results indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

[†] 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.

- Temporarily stockpile excavated soil on-site atop an impermeable liner, pending transport to an NMOCD-permitted surface waste facility for disposal.
- Upon excavating impacted soil affected above the NMOCD Closure Criteria, collect representative five-point composite confirmation soil samples from the excavation sidewalls in each cardinal direction, representing no more than 50 linear feet. Collect a minimum of one (1) representative five-point composite confirmation sample from the base of the excavated area representing every 300 square feet. Collect additional, discrete samples as necessary from wet or visibly stained areas inferred to have been affected by the release.
- Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted, "like" material.
- Upon completion of remediation activities, prepare a *Remediation Summary & Soil Closure Request* detailing field activities and laboratory analytical results from confirmation soil samples.

6.0 REGULATORY APPROVALS & STIPULATIONS

On May 6, 2021, a *Site Assessment Report and Proposed Remediation Plan* (henceforth, "Work Plan") was submitted to the NMOCD proposing the aforementioned activities designed to advance the SRO 008H release site toward regulatory closure. The Work Plan was subsequently approved by the NMOCD, with no added stipulations.

7.0 REMEDIATION ACTIVITIES SUMMARY

On October 27, 2021, remediation activities commenced at the release site. In accordance with the NMOCD-approved Work Plan, impacted soil within the release margins affected above the NMOCD Closure Criteria was excavated and stockpiled onsite, pending transfer to an NMOCD-permitted surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria.

Etech collected one (1) confirmation soil sample (FL 1 @ 2') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). The chloride concentration was 160 mg/kg.

On October 28, 2021, Etech collected seven (7) confirmation soil samples (NW 1, EW 1, EW 2, SW 1, SW 3, WW 1, and WW 3) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 144 mg/kg in soil sample SW 1 to 544 mg/kg in soil sample NW 1.

On October 29, 2021, Etech collected seven (7) confirmation soil samples (NW 2C, NW 3B, EW 3B, SW 2B R, WW 2B, FL 2 @ 4'-R, and FL 3 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 192 mg/kg in soil sample NW 3B to 2,000 mg/kg in soil sample FL 2 @ 4'-R.

On November 29, 2021, remediation activities resumed at the release site. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil samples NW 3B, EW 3B, and SW 3. Etech collected three (3) confirmation soil samples (NW 3C, EW 3C, and SW 3B) from the sidewalls of the newly excavated areas. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample SW 3B to 304 mg/kg in soil sample NW 3C.

On November 30, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 3B. Etech also collected three (3) confirmation soil samples (NW 4, NW 5, and FL 3B @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil sample FL 3B @ 4' to 592 mg/kg in soil sample NW 5.

On December 1, 2021, Etech collected four (4) confirmation soil samples (EW 6, FL 4 @ 4', FL 5 @ 3', and FL 6 @ 3') from the sidewall and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 320 mg/kg in soil sample EW6 to 624 mg/kg in soil sample FL 4 @ 4'.

Etech also advanced one (1) hand-augered soil bore (DEF 1) to further characterize the affected area adjacent to and/or beneath the pumpjack pad, production well, and associated piping, appurtenances, and electrical facilities requiring deferral of remediation. During the advancement of the hand-augered soil bore, two (2) soil samples (DEF 1 @ 0' and DEF 1 @ 4') were collected and field-screened utilizing a chloride test kit and/or olfactory/visual senses. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. However, additional delineation was required to determine the vertical extent of chloride contamination.

On December 2, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 2 @ 4'-R. Etech collected 12 confirmation soil samples (FL 2B @ 4', FL 7 @ 3', and FL 8 @ 4' through FL 17 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 208 mg/kg in soil sample FL 17 @ 4' to 656 mg/kg in soil sample FL 13 @ 4'.

A review of laboratory analytical results and field screens indicated the SRO 008H release may have commingled with contaminated material buried in a historic pit or vault associated with the on-site production well in the areas characterized by sample points FL 4, FL 5, and FL 13. The zone of historical contamination was delineated and remediated concurrently with the SRO 008H release.

On December 3, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample EW 2. Etech collected three (3) confirmation soil samples (EW 2B, FL 18 @ 4', and FL 19 @ 4') from the sidewall and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 208 mg/kg in soil sample FL 18 @ 4' to 432 mg/kg in soil sample EW 2B.

On December 6, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample WW 2B. Etech collected one (1) confirmation soil sample (WW 2C) from the sidewall of the newly excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL. The chloride concentration was 624 mg/kg.

Etech also advanced two (2) hand-augered soil bores (DEF 2 and DEF 3) to further characterize the affected area adjacent to and/or beneath the pumpjack pad, production well, and associated piping, appurtenances, and electrical facilities requiring deferral of remediation. During the advancement of the hand-augered soil bores, four (4) soil samples (DEF 2 @ 0', DEF 2 @ 4', DEF 3 @ 0', and DEF 3 @ 4') were collected and field-screened utilizing a chloride test kit and/or olfactory/visual senses.

The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond four (4) feet bgs in the areas characterized by sample points DEF 2 and DEF 3.

On December 7, 2021, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 4 @ 4' and FL 5 @ 3'. Etech collected 12 confirmation soil samples (FL 4 @ 4.5', FL 5 @ 4.5', and FL 20 @ 4' through FL 29 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 192 mg/kg in soil sample FL 27 @ 4' to 720 mg/kg in soil sample FL 5 @ 4.5'.

Etech also re-entered and further advanced auger hole DEF 1 in an effort to determine the vertical extent of chloride contamination in the area to be deferred. During the advancement of the hand-augered soil bore, one (1) soil sample (DEF 1 @ 4.5') was collected and field-screened utilizing a chloride test kit and/or olfactory/visual senses. The soil sample was submitted to the laboratory for analysis of chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond four and one-half (4.5) feet bgs in the area characterized by sample point DEF 1.

On December 8, 2021, Etech collected two (2) confirmation soil samples (SW 4 and WW 4) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and the laboratory MDL in each of the submitted soil samples. Chloride concentrations were 256 mg/kg in soil sample SW 4 and 816 mg/kg in soil sample WW 4.

Etech also advanced one (1) additional hand-augered soil bore (WH) along the inferred edge of the affected area to confirm that horizontal delineation of the release had been achieved. During the advancement of the hand-augered soil bore, one (1) soil sample (WH) was collected and field-screened utilizing a chloride test kit and/or olfactory/visual senses. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal extent of impacted soil was adequately defined.

On December 9, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample WW 2C. Etech collected two (2) confirmation soil samples (WW 2D and FL 9 @ 4') from the sidewall and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 192 mg/kg in soil sample WW 2D and 384 mg/kg in soil sample FL 9 @ 4'.

On December 10, 2021, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample WW 4. Etech collected one (1) confirmation soil sample (WW 4B) from the floor of the newly excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria. BTEX and TPH concentrations were also below the applicable laboratory MDL. The chloride concentration was 368 mg/kg.

On December 13, 2021, Etech collected two (2) confirmation soil samples (FL 5 @ 19' and FL 13 @ 20') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 400 mg/kg in soil sample FL 5 @ 19' and 416 mg/kg in soil sample FL 13 @ 20'.

On December 14, 2021, Etech collected one (1) confirmation soil sample (FL 4 @ 23') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated the chloride concentration was 416 mg/kg and below the NMOCD Closure Criteria.

The final dimensions of the excavated areas were approximately 30 to 92 feet in length, 18 to 60 feet in width, and two (2) to 20 feet in depth. During the course of remediation activities, approximately 1,700 cubic yards of impacted soil was transported to an NMOCD-permitted surface waste facility for disposal. Approximately 1,700 cubic yards of locally sourced, non-impacted material was imported to the site for use as backfill.

Soil sample locations and the extents of the excavated areas are depicted in Figure 3B, "Site & Sample Location Map (Excavation)". Soil chemistry data is summarized in Table 1. Field data and soil profile logs are provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

8.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the caliche pad of an active production well and tank battery facility. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to fit the needs of the facility. Final reclamation and re-vegetation will be conducted upon decommission and abandonment of the facility.

9.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with an NMOCD-approved Work Plan. Impacted soil affected above the NMOCD Closure Criteria was excavated to the extent practicable and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria. Remediation of impacted soil affected above the NMOCD Closure Criteria remaining insitu adjacent to and/or beneath the pumpjack pad, production well, electrical facilities, pipes, and/or other appurtenances will be completed upon decommissioning and abandonment of the facility, in accordance with Section 19.15.29.13 NMAC.

Based on laboratory analytical results and field activities conducted to date, Etech recommends COG Operating, LLC, provide copies of this *Remediation Summary & Deferral Request* to the appropriate agencies and cease remediation activities at the SRO 008H release site.

10.0 LIMITATIONS

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

This report has been prepared for the benefit of COG Operating, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or COG Operating, LLC.

11.0 DISTRIBUTION

COG Operating, LLC

600 West Illinois Avenue Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

Hobbs Field Office

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

(Electronic Submission)

Figure 1 Topographic Map

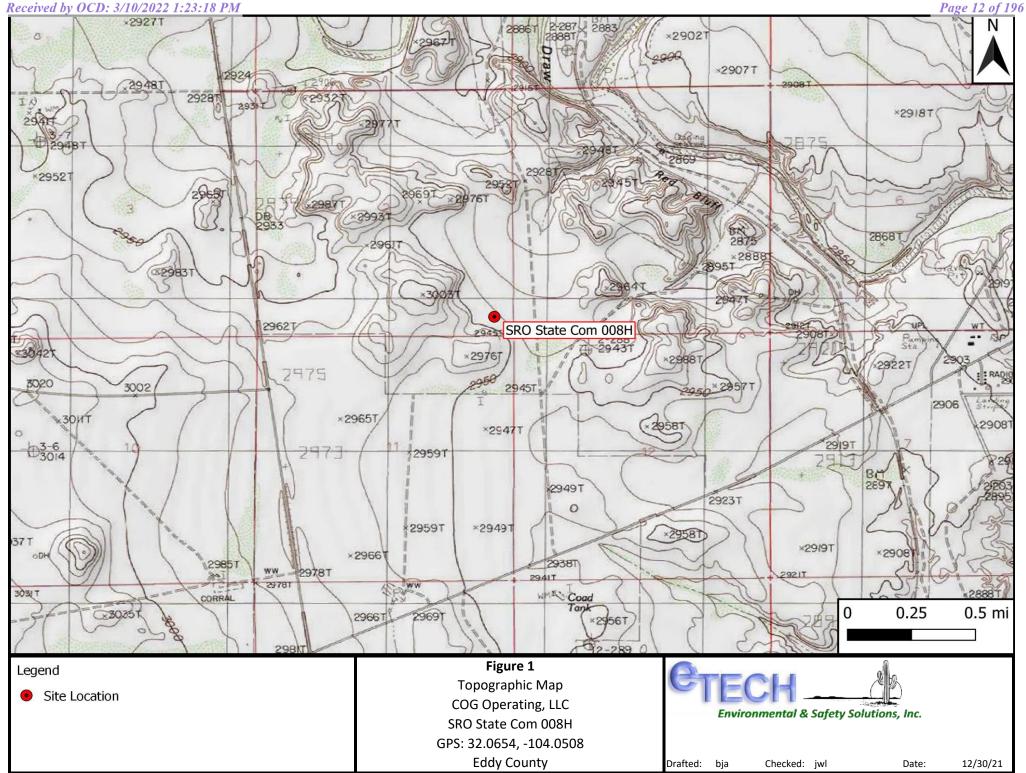
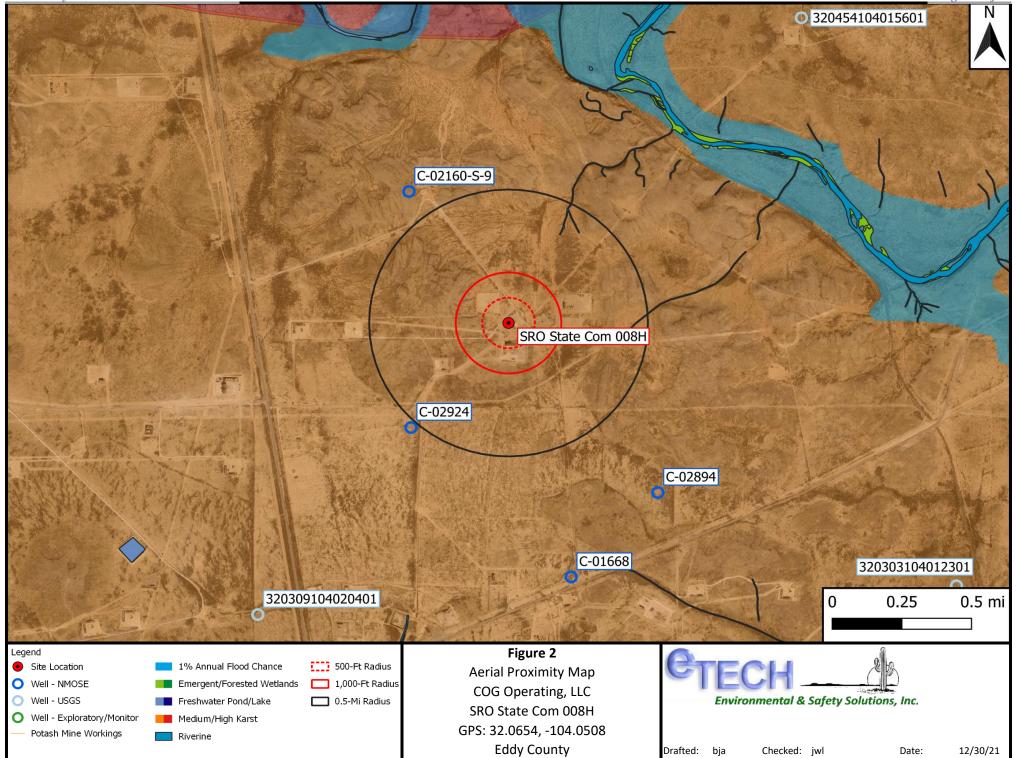
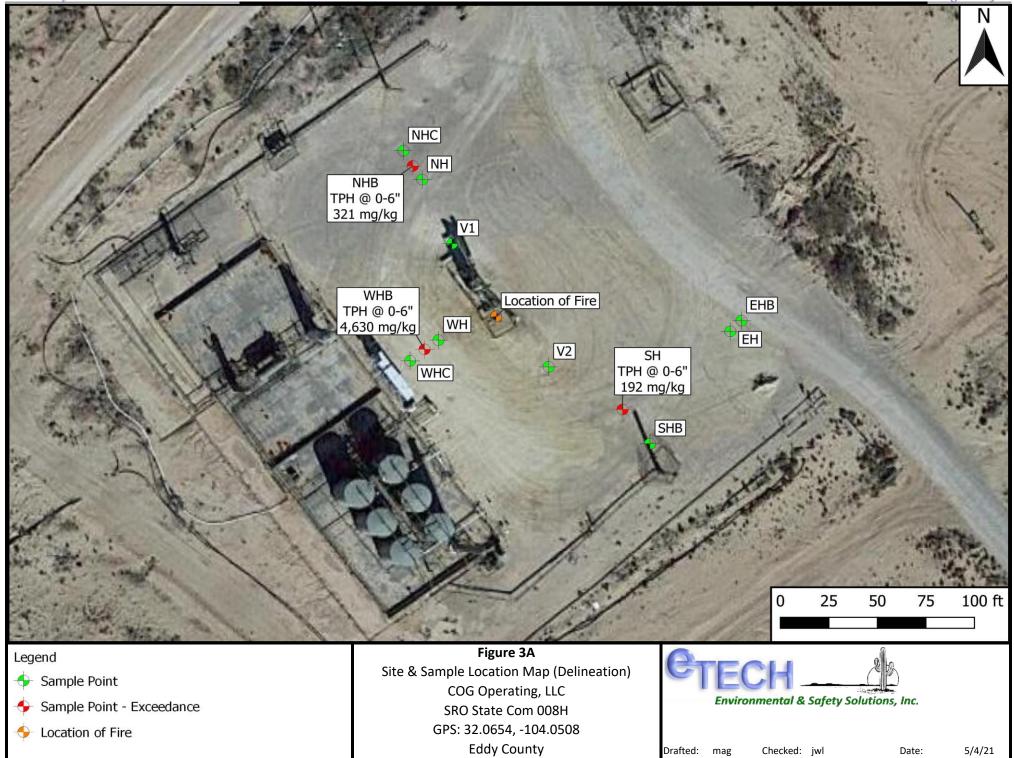


Figure 2 Aerial Proximity Map



Figures 3A & 3B Site & Sample Location Maps



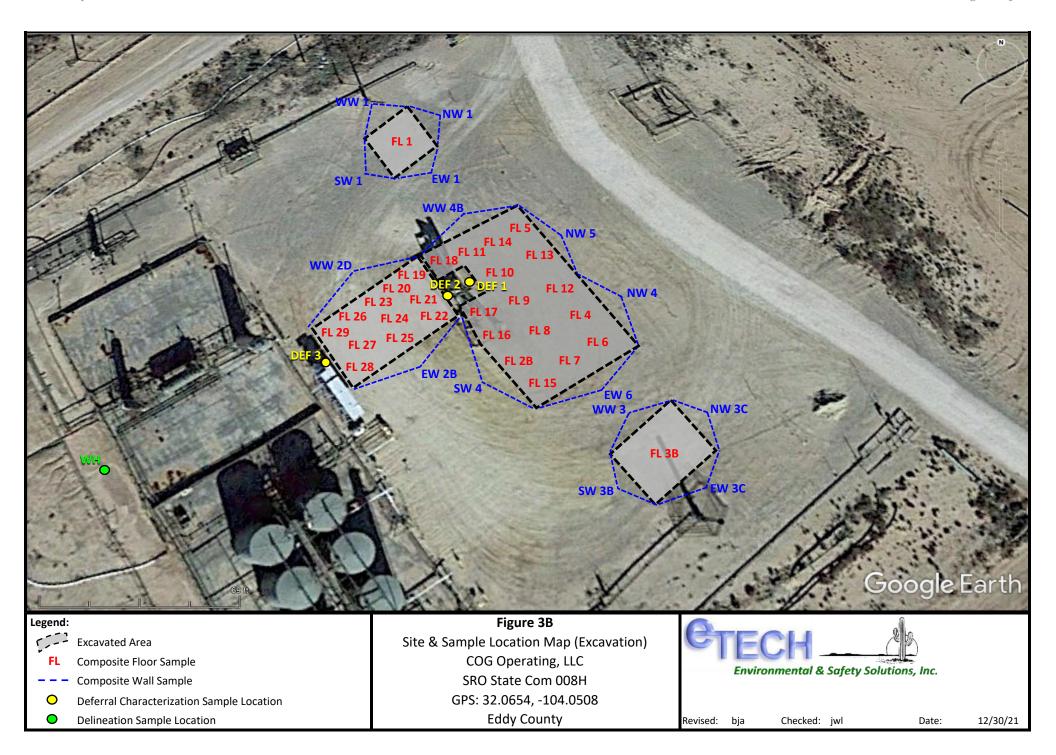


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Concentrations of BTEX, TPH & Chloride in Soil COG Operating, LLC SRO State Com 008H NMOCD Ref. #: nRM2026847974	100	
SRO State Com 008H		
NMOCD Ref. #: nRM2026847974		
NMOCD Closure Criteria 10 50	100	600
NMOCD Reclamation Standard 10 50	100	600
SW 846 8021B SW 846 8015M Ext.	ı	4500 Cl
Sample ID Date Depth (Feet) Soil Status Benzene (mg/kg) BTEX (mg/kg) GRO C_{0} GRO C_{10} C_{28} C_{6} C_{10} C_{28} C_{6} C_{10}	TPH C ₆ -C ₃₆	Chloride (mg/kg)
(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)	(mg/kg)	
Delineation & Deferral Samples	<20.0	256
NH @ 0"-6" 4/23/2021 0-0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	256
NHB @ 0"-6" 4/23/2021 0-0.5 Excavated <0.050 <0.300 <10.0 252 252 69.0	321	80.0
NHC @ 0-6" 4/30/2021 0-0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 NHC @ 1" 4/30/2021 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	208
	<30.0	16.0
	61.9	384
EHB 0"-6" 4/23/2021 0-0.5 In-Situ <0.050 <0.300 <10.0 66.9 66.9 24.5 EHB @ 1' 4/30/2021 1 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	91.4 <30.0	144 32.0
SH 0"-6" 4/23/2021 0-0.5 Excavated <0.050 <0.300 <10.0 160 160 32.0 SHB 0"-6" 4/23/2021 0-0.5 In-Situ <0.050	192 <30.0	416 400
	<30.0	16.0
	63.8	384
	4,630	304
<u> </u>	<30.0	192
WHC @ 1' 4/30/2021 1 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 WH 12/8/2021 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	16.0
	<30.0	336 80.0
V 1 @ Surface 4/30/2021 0 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 V 1 @ 1' 4/23/2021 1 Excavated <0.050	<30.0 <30.0	224
V 2 @ Surface 4/30/2021 0 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 V 2 @ Surface 4/30/2021 0 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	256
V 2 @ Stifface 4/30/2021 0 Excavated <0.030 <0.300 <10.0 <10.0 <20.0 <10.0 V 2 @ 3' 4/23/2021 3 Excavated <0.050	<30.0	320
DEF 1 @ 0' 12/1/2021 0 Deferral <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	495	15,000
DEF 1 @ 0 12/1/2021 0 Deferral <0.030 <0.300 <10.0 <30.0 <10.0 <20.0 <10.0 <10.0 <20.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<30.0	672
DEF 1 @ 4.5' 12/7/2021 4.5 Deferral - - - - - -	<30.0	464
DEF 2 @ 0' 12/6/2021 0 Deferral <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	4,080
DEF 2 @ 4' 12/6/2021 4 Deferral <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	240
DEF 3 @ 0' 12/6/2021 0 Deferral <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	640
DEF 3 @ 4' 12/6/2021 4 Deferral <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	240
Excavation Samples	30.0	240
NW 1	<30.0	544
NW 2C 10/29/2021 0-1 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	464
NW 3B 10/29/2021 0-1 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	192
NW 3C	<30.0	304
NW 4	<30.0	544
NW 5	<30.0	592
EW 1	<30.0	224
EW 2	<30.0	208
EW 2B 12/3/2021 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	432
EW 3B	<30.0	272
EW 3C 11/29/2021 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	160
EW 6 12/1/2021 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	320
SW 1 10/28/2021 0-2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0	<30.0	144

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

Table 1 Concentrations of BTEX, TPH & Chloride in Soil COG Operating, LLC SRO State Com 008H NMOCD Ref. #: nRM2026847974

NMOCD Ref. #: nRM2026847974 NMOCD Closure Criteria 10 50 100 600											
				10	50	-	-	-	-	100	600
NMOCD	Reclamation	Standard	I	10	50	-	-	-	-	100	600
				SW 840	0 8021B			GRO +			4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW 2B R	10/29/2021	0-1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,720
SW 3	10/28/2021	0-1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 3B	11/29/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 4	12/8/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
WW 1	10/28/2021	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
WW 2B	10/29/2021	0-1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW 2C	12/6/2021	0-4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
WW 2D	12/9/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW 3	10/28/2021	0-1	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
WW 4	12/8/2021	0-4	Excavated	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
WW 4B	12/10/2021	0-19	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 1 @ 2'	10/27/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 2 @ 4'-R	10/29/2021	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL 2B @ 4'	12/2/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 3 @ 4'	10/29/2021	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 3B @ 4'	11/30/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 4 @ 4'	12/1/2021 12/7/2021	4.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
FL 4 @ 4.5' FL 4 @ 23'	12/14/2021	23	Excavated In-Situ	=	-	-	-	-	-	-	640 416
FL 5 @ 3'	12/1/2021	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 5 @ 4.5'	12/7/2021	4.5	Excavated	<u> </u>	<0.300	<u> </u>	<10.0	\20.0	<10.0	\30.0	720
FL 5 @ 19'	12/13/2021	19	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 6 @ 3'	12/1/2021	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 7 @ 3'	12/2/2021	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 8 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 9 @ 4'	12/2/2021	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
FL 9 @ 4'	12/9/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 10 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 11 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 12 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 13 @ 4'	12/2/2021	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
FL 13 @ 20'	12/13/2021	20	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 14 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL 15 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 16 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 17 @ 4'	12/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 18 @ 4'	12/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 19 @ 4'	12/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 20 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 21 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 22 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240

Dash (): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

	Table 1										
	Concentrations of BTEX, TPH & Chloride in Soil										
	COG Operating, LLC										
				S]	RO State	Com 008H					
				NMOC	D Ref. #: 1	1RM2026	847974				
NMOCD Closure Criteria				10	50	ı	ı	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
				SW 840	6 8021B	SW 846 8015M Ext.					4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	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 23 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	240
FL 24 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 25 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 26 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 27 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 28 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 29 @ 4'	12/7/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224

Appendix A Depth to Groundwater Information



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													
		Sub-		Q	Q	Q									Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDep	thWellDep	othWater (Column
<u>C 02924</u>		C	ED	1	3	2	11	26S	28E	589032	3547451*	843			
<u>C 02160 S9</u>		CUB	ED	3	3	2	02	26S	28E	589020	3548868*	976	300	120	180
<u>C 02894</u>		C	ED	2	2	3	12	26S	28E	590458	3547061*	1334	240		
<u>C 02160 S8</u>		CUB	ED	2	3	3	12	26S	28E	590056	3546653*	1498	200	120	80
C 01668		CUB	ED		3	3	12	26S	28E	589957	3546554*	1567	250	100	150

Average Depth to Water:

113 feet 100 feet

Minimum Depth:

Maximum Depth:

120 feet

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 589595.11 Northing (Y): 3548078.84 Radius: 1610

*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.

12/30/21 3:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Received by OCD: 3/10/2022 1:23:18 PM Wexico Office of the State Engineer



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X Y

C 02924

3 2 11 26S 28E

589032 3547451*

, ...

Driller License: 1227

Driller Company:

B & H DRILLING

Driller Name:

Drill Start Date: 08/31/2002

Drill Finish Date: 10/04/200

10/04/2002 Plug Date:

Log File Date: 11/04/2002

PCW Rcv Date:

Source:

Pump Type: Casing Size: Pipe Discharge Size:

Depth Well:

Depth Water:

Estimated Yield:

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, or suitability for any particular purpose of the data.

4/13/21 8:38 AM

^{*}UTM location was derived from PLSS - see Help

New Mexico Office of the State Engineer

Point of Diversion Summary

26S 28E

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag D Number

Q64 Q16 Q4 Sec Tws Rng

X Y

C 02160 S9

589020 3548868*

Driller License:

Driller Company:

Driller Name:

HEMLER

Drill Start Date:

Drill Finish Date:

PCW Rcv Date:

Depth Well:

06/01/1961

300 feet

Plug Date:

Shallow

Log File Date:

D' D' I G'

Source: Estimated Yield:

manow

Pump Type: Casing Size: Pipe Discharge Size:

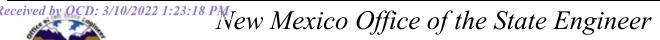
1127

Depth Water: 120 feet

*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, or suitability for any particular purpose of the data.

4/13/21 8:38 AM



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X Y

C 02894

2 2 3 12 26S 28E

590458 3547061*

* 🎒

Driller License: 1348

Driller Company:

TAYLOR WATER WELL SERVICE

Driller Name:

Drill Start Date: 03/20/2002

Drill Finish Date: 03/24/2002

2 Plug Date:

Source:

Log File Date: 04/04/2002 Pump Type: PCW Rcv Date:
Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

240 feet

Depth Water:

Water Bearing Stratifications:

Top Bottom Description

107 112 Other/Unknown

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, or suitability for any particular purpose of the data.

4/13/21 8:38 AM

^{*}UTM location was derived from PLSS - see Help

New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag D Number Q64 Q16 Q4 Sec Tws Rng

X

C 02160 S8

26S 28E 12

590056 3546653*

Driller License:

Driller Company:

Driller Name:

HEMLER

Drill Start Date:

Drill Finish Date:

03/01/1961

200 feet

Plug Date:

Shallow

Log File Date:

PCW Rcv Date:

Depth Well:

Source:

Pump Type: Casing Size: Pipe Discharge Size:

Estimated Yield:

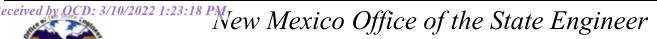
Depth Water:

120 feet

*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, or suitability for any particular purpose of the data.

4/13/21 8:38 AM



avea of the state of the state

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

589957

POD Number Q64 Q16 Q4 Sec Tws Rng

X

C 01668 3 3 12 26S 28E

3546554*

Driller License: 224 Driller Company: MULLIN, R.J.

Driller Name:

Well Tag

Drill Start Date: 03/22/1976

Drill Finish Date:

04/02/1976

Plug Date:

Source:

Shallow

Log File Date: Pump Type: PCW Rcv Date:
Pipe Discharge Size:

Estimated Yield:

500 GPM

Casing Size:

16.00

04/08/1976

Depth Well:

250 feet

Depth Water:

100 feet

Water Bearing Stratifications:	Top	Bottom	Description
	115	135	Limestone/Dolomite/Chalk
	135	147	Limestone/Dolomite/Chalk
	185	196	Limestone/Dolomite/Chalk
	236	238	Limestone/Dolomite/Chalk
Casing Perforations:	Тор	Bottom	
	0	115	
	115	135	
	135	147	
	147	196	
	196	212	
	212	234	

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.

234

241

241

250

4/13/21 8:39 AM

^{*}UTM location was derived from PLSS - see Help

Page 30 of 196 Received by OCD: 3/10/2022 1:23:18 PM 320454104015601 **Castile Formation** 12/6/1948: 21.18 ft SRO State Com 008H 320303104012301 **Rustler Formation** 320309104020401 1/27/2003: 92.12 ft **Rustler Formation** 2/24/2021: 155.92 ft 0.5 mi 0.25 Legend Figure 5 Site Location **USGS Well Proximity Map** Well - USGS COG Operating, LLC **Environmental & Safety Solutions, Inc.**

500-Ft Radius

■ 0.5-Mi Radius

1,000-Ft Radius

SRO State Com 008H GPS: 32.0654, -104.0508 **Eddy County**

Drafted: bja

Checked: jwl

Date:

12/30/21



National Water Information System: Web Interface

USGS Water Resources

USGS Home Contact USGS Search USGS

Data Category: Groundwater ✓ United States **∨** GO

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usas site no list =

• 320303104012301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320303104012301 26S.28E.14.21412

Eddy County, New Mexico Latitude 32°03'03.0", Longitude 104°01'23.0" NAD27 Land-surface elevation 2,972.40 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aguifer.

Output formats

					itput ioi illats					
Table of data										
Tab-separated data										
Graph of data										
Reselect period										
	?	?	Water level,	Water level, feet	Referenced	2	?	?	?	?

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status	
1978-01-13		D	72019	116.75			1	Z			A	4
1983-01-25		D	72019	113.65			1	Z			A	Α
1987-10-14		D	72019	98.72			1	Z			A	4
1993-05-04		D	72019	91.60			1	S			A	Α
1998-01-22		D	72019	89.85			1	S			A	4
2003-01-27		D	72019	92.12			1	S	USG:	S	S A	Д

Received by OCD: 3/10/2022 1:23:18 PM

Explanation

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

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

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2021-12-30 17:34:40 EST

0.37 0.25 nadww01

USA.gov



National Water Information System: Web Interface

USGS Water Resources

USGS Home Contact USGS Search USGS

Data Category: Geographic Area:

Groundwater ✓ United States ✓ GO

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site no list =

• 320309104020401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320309104020401 26S.28E.14.11111

Eddy County, New Mexico
Latitude 32°02'59.0", Longitude 104°03'58.7" NAD83
Land-surface elevation 2,972.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1978-01-13		D	72019	122.34				1 Z			А
1983-01-25		D	72019	127.38				1 Z			А
1987-10-14		D	72019	106.40				1 Z			Α
1993-01-05		D	72019	100.42				1 S			А
1998-01-22		D	72019	96.55				1 S			Α
2003-01-27		D	72019	97.02				1 S	USGS	S	А
2013-01-09	20:30 UTC	m	72019	139.12				1 S	USGS	S	А
2021-02-24	20:05 UTC	m	72019	155.92				1 V	USGS	S	А

Received by OCD: 3/10/2022 1:23:18 PM

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

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

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-12-30 17:36:23 EST

0.38 0.26 nadww01

USA.gov



National Water Information System: Web Interface

USGS Water Resources

USGS Home Contact USGS Search USGS

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GC

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** = • 320454104015601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320454104015601 26S.28E.02.112111

Eddy County, New Mexico
Latitude 32°04'54", Longitude 104°01'56" NAD27
Land-surface elevation 2,913 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats Table of data Tab-separated data Graph of data Reselect period Water Water level, level, Waterfeet Referenced feet Water-Date Time level above vertical **Parameter** below **Method of** Measuring Source of level specific datum **Status** datecode land measurement agency measurement approval time vertical surface status accuracy datum 1948-12-06 D 72019 21.18 Z

Explanation

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

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

Accessibility FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-12-30 17:37:33 EST

0.3 0.26 nadww01



Appendix B Field Data & Soil Profile Logs



Sample Log

Date:

Project:

SRO State 8H

Project Number:

14015

Latitude:

32.0654

Longitude:

-104.0508

Sample ID	PID/Odor	Chloride Conc.	GPS
VH0-6	none	224	
JHBO-K"	rone	196	
NHO-K"	none	456	
WH C 0-6"	rone	328	
VIQ.1	none	456	
√2⋒3 ¹	none	1156	
540-6	none	508	
5400-6	1528	50%	
EHO-6	none	456	
EH30-6.	light	196	
exaustion conformation s	undes		
F11@1' F11@2'	~	659	
F11(2)2'	-	412 xx 10/27/21	
MWI	_	500 x 10/28/21	
SW 1		2284	
WW L	ng galain.	59/ *	
GUALL EWI	_	392 *	
FL3@1		୫ ଟର	
FL 3 @ 2'		824	
NW3	-	1468	
EW3		888	
800 SW3	~	549*	
10 WW3	-	5964	
FL3@3'	-	648 6/29/21	
FL304'	_	452 Andr	
NW3B EW3B	-	332 ** 452 **	
	_	45299	
FLZ@1'		1968	
DNW2		2464	
EMA	_	372 A	
SWA	_	648	
PMM		956	
SWJ B	4.4	1468 (curt go more south due to 1	ok Hori

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

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

Released to Imaging: 4/20/2022 1:47:24 PM

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

Received by OCD: 3/10/2022



Sample Log

					Date:		
Project:	SRO State 8H						
Project Numb	er:	14015	Latitude:	32.0654	Longitude:	-104.0508	

Sample ID	PID/Odor	Chloride Conc.	GPS
501@0-6"	15,868 -	>	
NH	_	50ह	
EH	-	928	
SH	_	1154	
H		860	
EHB		368	
SHIS		196	
SAMPLE ID SAMPLE ID NH EH SH SH SH SH SH WHB		196 292	
Alteras		£ 78	
691.12 0	-	Ca. A A	
NW2B NW2C		1028 596 A A 542 A A	
100040		79644	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = 5W #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

Project: 6ROStat 8H Project Number: 14015

Date:

Longitude: 104 0508 Latitude: <u>32-0654</u>

Sample ID	PID/Odor	Chloride Conc.	GPS
5W3B		504	
EW3 B	100,000	596	
NW3 B	-	5 96	
NW4 ACC	00	548	
F1304		596	
FLYOI	~~	760	
NW50	-	596	
FLSB 1	—	596 1924	
FL4@ 4	_	444	
FL60	_	908	
EW 6	-	596	
FL6@3		596	
DeFI	Light	over 2536	
DeFIRU	- S	364	
F1503	sestame	596	
FLZ@O	-	908	
FL2@4		404	
FL 7@3	Since and	504	
FL 8 Q U	-	364	
FL 9 @4	ger.	596	
FL 1004	ar-	596	
FL 1204 FL 1204 FL 1304		Say	
FL 1204		409	
FL 1304		596	
FL 1404		404	
FL 1504		364	
FL 1604		364	
161704	W. and C.	404	
EL 18 @4		596	
		596	
FL 19 @ 4		404	
FL 20 @ 4	do	332	
FL 21 @ 4		332	
FL 22 @ 4	-	500	
FL 23 04	-	372	
FL 23 6 4 FL 24 6 4 Sample Point = SP #1 @ ## etc	795	500	
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	Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	
Floor = FL #1 etc Sidewall = SW #1 etc			,
since			
Kea			,



Project:

Project Number:

Sample Log

Date:

SRO State 8H

14015

Latitude: 32.0654 Longitude: 104.0508

Sample ID	PID/Odor	Chloride Conc.	GPS
Def 2	-	Over 2464	
Def 3	_	1,276	
Def 20, 4	960	548	
Pef 3 Pe U	~	412	
FL 25@4	-	412	
FL 26 @ 4	Agra	500	
FL 27@4		596	
FL 280 4	\$	596	
WW2BQ U		372	
FL 29@ 4	5	516	
DeF18@4	William .	540	
	Same?	548	
FL 5 6 4 FL 4 6 @ 4		500	
FL9h B B		496	
FL4C @ 14	_	1324	
F 13 100 15	-	1538	
WW 46 1	25-	496	
F15Q19	The same of	364	
FL 13 @ 20	*****	364	
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	Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas
Sample Point = SP #1 @ ## etc Floor = FL #1 etc Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	
			,



Soil Profile

Environmental & Sajety solutions, inc.				Date:	
Project: SRO State 8H Project Number:	14015	Latitude:	32.0654	Longitude:	-104.0508
Depth (ft. bgs) 1 1 1 2 M 3	2-6	TOP 30	De	escription	
4 5 6 7					
9 10 11 12					
14 15 16 17					
18 19 20 21 22	offices projected and the substitute of the subs		Steppen var frest til det ste ste ste ste ste ste ste ste ste s		
23 24 25 26 27					
28 29 30 31 32					
33 34 35 36 37					
38 39 40					

Appendix C Photographic Log

Photo Number:

1

Photo Direction: South-Southeast

Coordinates:

32.065734,-104.050429

Photo Description:

View of the affected area.



Photo Number:

2

Photo Direction:

Northeast

Coordinates:

32.065279,-104.050300

Photo Description:

View of the affected area.



Photo Number:

3

Photo Direction:

North

Coordinates:

32.065279,-104.050300

Photo Description:

View of the affected area.



Photo Number:

4

Photo Direction:

East-Southeast

Coordinates:

32.065527,-104.050485

Photo Description:

View of the affected area.



Photo Number:

5

Photo Direction:

Northwest Coordinates:

32.065334,-104.050353

Photo Description:

View of the excavated area.



Photo Number:

6

Photo Direction:

Southeast

Coordinates:

32.065602,-104.050415

Photo Description:



Photo Number:

7

Photo Direction:

East

Coordinates:

32.065421,-104.050384

Photo Description:

View of the excavated area.



Photo Number:

8

Photo Direction:

Southwest

Coordinates:

32.065421,-104.050384

Photo Description:



Photo Number:

9

Photo Direction:

North

Coordinates:

32.065359,-104.050420

Photo Description:

View of the excavated area.



Photo Number:

10

Photo Direction:

West

Coordinates:

32.065375,-104.050377

Photo Description:



Photo Number:

11

Photo Direction:

Northwest

Coordinates:

32.065372,-104.050216

Photo Description:

View of the excavated area.



Photo Number:

12

Photo Direction:

Southeast

Coordinates:

32.065372,-104.050216

Photo Description:



Photo Number:

13

Photo Direction: East-Northeast

Coordinates:

32.065366,-104.050356

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

14

Photo Direction:

South

Coordinates:

32.065459,-104.050126

Photo Description:

View of the remediated area after backfill and regrading.



Appendix D Laboratory Analytical Reports



April 28, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SRO STATE #8H

Enclosed are the results of analyses for samples received by the laboratory on 04/23/21 12:10.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 04/23/2021
 Sampling Date:
 04/23/2021

 Reported:
 04/28/2021
 Sampling Type:
 Soil

Reported: 04/28/2021 Sampling Type: Soil
Project Name: SRO STATE #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: CP - RURAL EDDY CO

Sample ID: NH @ 0" - 6" (H211044-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	<10.0	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	119	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keens



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil
Project Name: SRO STATE #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: NHB @ 0" - 6" (H211044-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	252	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	69.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	120	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	127	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil

Project Name: SRO STATE #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: WH 0" - 6" (H211044-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	63.8	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	108	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil Project Name: SRO STATE #8H Sampling Condition: Cool & Intact

Project Number: 14015

CP - RURAL EDDY CO Project Location:

Sample ID: WHB 0" - 6" (H211044-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	2870	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	1760	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	110 %	6 44.3-13	3						
Surrogate: 1-Chlorooctadecane	193 9	6 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil
Project Name: SRO STATE #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: CP - RURAL EDDY CO

Sample ID: SH 0" - 6" (H211044-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS	By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	160	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	32.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	113	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	123	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

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

Received: 04/23/2021 Sampling Date:

04/23/2021 Reported: 04/28/2021 Sampling Type: Soil

Project Name: SRO STATE #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: SHB 0" - 6" (H211044-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	<10.0	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	122 5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	126	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil SRO STATE #8H

Project Name: Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14015

CP - RURAL EDDY CO Project Location:

Sample ID: EH 0" - 6" (H211044-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	<10.0	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	61.9	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	93.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

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

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil

Project Name: SRO STATE #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: EHB 0" - 6" (H211044-08)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/27/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	66.9	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	24.5	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	120	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	128	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil

Project Name: SRO STATE #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: V 1 @ 1' (H211044-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/27/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	<10.0	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	123 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	127 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/23/2021 Sampling Date: 04/23/2021

Reported: 04/28/2021 Sampling Type: Soil

Project Name: SRO STATE #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: V 2 @ 3' (H211044-10)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2021	ND	2.05	103	2.00	4.35	
Toluene*	<0.050	0.050	04/23/2021	ND	1.97	98.7	2.00	3.33	
Ethylbenzene*	<0.050	0.050	04/23/2021	ND	1.95	97.5	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/23/2021	ND	5.69	94.8	6.00	2.81	
Total BTEX	<0.300	0.300	04/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/27/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2021	ND	223	112	200	5.70	
DRO >C10-C28*	<10.0	10.0	04/26/2021	ND	225	112	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/26/2021	ND					
Surrogate: 1-Chlorooctane	111	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	113	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Page 13 of 13

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 EAY (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmenta		_	Inc.				Т		BI	LL 1	ro						ANA	LYS	S R	EQUE	ST		
	r. Joel Lowely	,						P.0	0. #:											T				
Address: P.C). Box 301							Co	mpa	ny: E	tec	h												
City: Lovingto	on	State: NM	Zip	882	60			Att															i	
Phone #: (57	5) 396-2378	Fax #: (575) 3	96-1	429				Ad	dres	s:														
Project #: 140	15	Project Owner	:Co	ROC	10 0	hill	105	CH	y:														1	
Project Name: 4	SRO State 81	1			-				ate:		Zip:				SM)	218				1				
Project Locatio	SROState & F n: Rural EDD Spencer B	1						Ph	one	#:				Chloride	TPH (8015M)	BTEX (8021B)	1							
Sampler Name:	Spencer Black	KWOOd						1	x #:					1 5	Ĭ	EX								
FOR LAB USE ONLY						MATI	RIX		PRE	SERV	SA	MPLI	NG	1	1	B								
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DA	LTE	TIME											
. 1	NH@0"-6"		6			1				V	4-2	3-21		V	V	V								
2	NHB@0-6		6	7.		1				V				V	V	1								
3	WH0-6"		6	1		1				V				V	V	1								
4	WH00-6		6	1.		1				V				V	1	V	-	-	-	-	-			-
5	5H0-6"		C	1	-	J	1	1		V.				V	V	J	-	-	-	-	-	-	-	-
6	3H50"-6"		C	1		V	1			1	\sqcup	_		1	V	V	1	+	-	+	-	-	-	+-
7	EH 0'-6"		C	1		1	-	-		1				V	U	V	+	+-	+	+	-	-	-	-
8	EHBO"-6"		6	Į.		1	-	+		V		_		1	V	V	+	+	+	+	-	-	-	+
9	VIQI		6	/	-	4	+	+		V		-	_	1	1	V	4	+	+	+	-	-	-	+
PLEASE NOTE: Liability a	nd Damages, Cardina's liability and clies	of a suckethal connects for a	fu clair	Щ	whether	bonnel ir	n confra	t or for	t shall	be Simber	to the am	ount pair	by the client fo	√ V	V	V		_	_					
analyses. All claims includ	ing those for negligence and any other o cardinal be liable for incidental or conseq	sume whatecover shall be	deeme	d weden	d unions n	nado in 1	urling a	nd reco	ired by	Cordinal	within 30 c	luya alla	completion of t	he applica	dde									
	ing out of or related to the performance.		arulhai	regard		iether su	ich clain	is bas	ed upor	any of the	La above s	tated rea	Phone Re Fax Resu REMARK	sult: lt:	□ Ye		No No		Phone Fax #					
Relinquished B		Date:	Re	ceiv	ed By	:	a	(X.	<i>ko</i> k		J~		Please e	email ı	result	s to p	m@d	eteche	nv.co	m.				
	: (Circle One) - Bus - Other:	1.6° 7	<i>‡</i> (13	San	ol li Yes No	Condintact Ye	tion s lo		CHECI (III)	KED B'	Y:												

FORM-006 Revision 1.0

Received by OCD: 3/10/2022 1:23:18 PM



May 03, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 04/30/21 16:40.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 04/30/2021
 Sampling Date:
 04/30/2021

 Reported:
 05/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: V 1 @ SURFACE (H211113-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	59.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	57.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Frene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/30/2021 Sampling Date: 04/30/2021 Reported: 05/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes) Sample Received By: Project Number: 14015 Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: V 2 @ SURFACE (H211113-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	63.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/30/2021 Sampling Date: 04/30/2021 Reported: 05/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes) Project Number: Sample Received By: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: NHC @ 0-6" (H211113-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	61.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	59.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/30/2021 Sampling Date: 04/30/2021 Reported: 05/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes) Project Number: Sample Received By: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: NHC @ 1' (H211113-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	56.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	53.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/30/2021 Sampling Date: 04/30/2021 Reported: 05/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes) Project Number: Sample Received By: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: EHB @ 1' (H211113-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	64.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 04/30/2021
 Sampling Date:
 04/30/2021

 Reported:
 05/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: CP - RURAL EDDY CO

ma/ka

Sample ID: SHB @ 1' (H211113-06)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	48.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	45.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 04/30/2021
 Sampling Date:
 04/30/2021

 Reported:
 05/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: WHC @ 0-6" (H211113-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	60.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	58.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 04/30/2021 Sampling Date: 04/30/2021

Reported: 05/03/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: WHC @ 1' (H211113-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2021	ND	1.99	99.3	2.00	4.00	
Toluene*	<0.050	0.050	05/03/2021	ND	1.94	97.0	2.00	3.88	
Ethylbenzene*	<0.050	0.050	05/03/2021	ND	1.90	95.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	05/03/2021	ND	5.68	94.7	6.00	1.77	
Total BTEX	<0.300	0.300	05/03/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2021	ND	390	97.5	400	0.442	
DRO >C10-C28*	<10.0	10.0	05/03/2021	ND	344	86.0	400	0.466	
EXT DRO >C28-C36	<10.0	10.0	05/03/2021	ND					
Surrogate: 1-Chlorooctane	68.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Released to Imaging: 4/20/2022 1:47:24 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environmental & Safety S		s, In	c.			BI	LL TO						ANAI	YSIS	S RE	EQUI	EST		
Project Manage	r: Jel Lowry				P.0). #:												T		
Address: P.O	. Box 301				Cor	npany	Co	noco Phi	thp 5											
City: Lovingto	on State: NM	Zip	: 88	260	Attr															
Phone #: (57	5) 396-2378 Fax #: (57	5) 396-	1429)	Add	iress:														
Project #: 140	Project Ov	ner	200	co Phillips	City	<i>i</i> :														
Project Name:	Seo state 24				Sta			Zip:		e	€W	21B								
	n: Rural Eddy ce, NM				Pho	one #:	-			Chloride	TPH (8015M)	(8021B)								
Sampler Name:	Miguel Ramirez				Fax	#:				당	H	BTEX						1		
FOR LAB USE ONLY	0	T	T	MATRIX		PRESI	RV.	SAMPLIN	IG		F	BT								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAIN	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME											
-	VIR sulface	6	1	X		7		4.3021		X	X	X								
2	U2 @ surface	9	1	K		X		4.30-21		X	X	X								
3	NHC @ 0-6"	G	1	Х		V		4.30.21		X	X	x								
4	NHC @ 1'	G	1	X		Y		4.30.21		X	X	X								
5	EHB @1'	G	1	X		X		4.30-21		X	X	×								
6	SUBCOI'	C	, 1	X		X		4-30-21		X	X	X								
7	WHC@ 0-6"	G	1 /	X		X		4.30 21		X	X	X								
8	WHC@1'	C	1	1		X		4.3021		X	X	×								
						3														
analyses. All claims includ service. In sie event shall Carlinister artificiates or auccessors said Relinquished B	Time: 44	tuding with a by Cardin	ece ece	ved univers made in writing at taken, business interruptions, andless of whether such claim (ved By;	nd received, loss of n is based	ond by Ca use, or lo ad upon a	HECK	eithin 30 days after onlis incurred by of oils incurred by of oils above stated rea (ED BY: iaals)	completion of the control is subsidial sons or otherwise Phone Re Fax Resul REMARK:	se applicatives, se. sult: lt: S:	□ Ye	SAF	No No	Add'I	sc	l.				

FORM-006 Revision 1.0



November 03, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 10/29/21 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/28/2021 Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: NW 1 (H213070-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/29/2021 Sampling Date: 10/28/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CP - RURAL EDDY CO

mg/kg

Sample ID: EW 1 (H213070-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	79.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/28/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: SW 1 (H213070-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	76.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.1	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 10/29/2021

11/03/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: CP - RURAL EDDY CO

Sampling Date: 10/28/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WW 1 (H213070-04)

Reported:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	79.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.8	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/28/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: SW 3 (H213070-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.8	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/28/2021

Reported: 11/03/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: WW 3 (H213070-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2021	ND	220	110	200	2.82	
DRO >C10-C28*	<10.0	10.0	11/01/2021	ND	216	108	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/01/2021	ND					
Surrogate: 1-Chlorooctane	84.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.1	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 10/29/2021

Reported: 11/03/2021

Project Name: SRO STATE COM #8H Project Number: 14015

Project Location: CP - RURAL EDDY CO

Sampling Date: 10/28/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EW 2 (H213070-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene

☐ Yes ☐ Yes ☐ No ☐ No

Pm@etechenv.com

☐ Yes ☐ No

All Results are emailed. Please provide Email address:

Standard Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Corrected Temp. °C

1.3

Page 10 of

Released to Imaging: 4/20/2022 1:47:24 PM

Sampler - UPS - Bus - Other:

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

ARDINAL

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

Company Name: Efech Environmental. Project Manager: Joel Lowry					BI	LL TO						ANA	LYSIS	RE	QUE	ST						
Project Manage	ri Jael Lowry	•					P.C). #:	•												1	1
	7 Marland		-,				Co	mpar	ny:Co	noco Phill	195			.								
city: Hobbs	State: N	M Zip	: 8	8240			Att		-		, -			-		-						
Phone #: 575	964-2880 Fax#: ~						Add	dress	s:													
Project #: 140	75 Project Ow	mer: (to	ישחים	co Phil	lip	5	Cit	y:														
Project Name:	SRO State 8H						Sta	ite:		Zip:												
							Pho	one i	۷: ·											1		
Sampler Name:	Miguel Eddy Co. NM Miguel Raminez			•			Fax	k #:							٠							
FOR LAB USE ONLY			Г	- N	IATR	X		PRES	SERV.	SAMPI	ING											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER, WASTEWATER	SOIL	SLUDGE .	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	Chlorides	BTEX	TPH						•	*	
(NWI	C	1		X				K	10/28/21		X	X	X	•							
2	Εωι	C	1		X	1			X	10/28/21		X	X	X								
	SWI	C	1		X		_			10/28/21		X	X	X		-					-	_
	wwl	C	1		X	-			4	10/28/21		X	X	9								
	8h3	C	ı.		X	Н	Н		X X	10/28/21		X	X	X							-	
4	ww3	C	1		X	1	Н		V	10/28/21		X	X	X							-	
7	EW2	C)		1	-			X	10/22/21		X	X	X						-	-	-
					T											-						

analyses. All claims including those for negligence and any other cause whelsoever 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 consequental damages, including without limitation, business interruptions, lost of use, or loss of profits incurred by client, its subsidiaries,

filiate or successors a sir a out of or related to the	performance of services hereunder by Cardinal regard	tless of whether such claim is based	upon may of the above stated re	
Refinquished By:)	Muara La led By:	dattog.	
Delivered By: (Circle One)	Observed Temp. °C 4.9	Sample Condition	CHECKED BY:	

Corrected Temp. °C 4.4

REMARKS:

Turnaround Time:

Verbal Result:

Thermometer ID #113 Correction Factor None -

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Yes Yes

Add'l Phone #:



November 03, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 10/29/21 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

10/29/2021

Reported: 11/03/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: CP - RURAL EDDY CO Sampling Date: 10/27/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: FL 1 @ 2' (H213071-01)

Received:

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/29/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: FL 3 @ 4' (H213071-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

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

Received: 10/29/2021 Reported: 11/03/2021

11/03/2021 SRO STATE COM #8H

Project Name: SRO ST Project Number: 14015

Project Location: CP - RURAL EDDY CO

Sampling Date: 10/29/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 2 @ 4'-R (H213071-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	90.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.8	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

 Received:
 10/29/2021
 Sampling Date:
 10/29/2021

 Reported:
 11/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: NW 3B (H213071-04)

e QC RPD Qualifier 4.77 4.48 4.64
4.48 4.64
4.64
3.52
QC RPD Qualifier
3.77
QC RPD Qualifier
5.82
8.99
)

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/29/2021 Sampling Date: 10/29/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: NW 2C (H213071-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	91.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.0	% 38.9-14	2						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To:

Received: 10/29/2021 Sampling Date: 10/29/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: WW 2B (H213071-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/29/2021 Sampling Date: 10/29/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

CP - RURAL EDDY CO Project Location:

Sample ID: EW 3B (H213071-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/02/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	90.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 10/29/2021 Sampling Date: 10/29/2021

Reported: 11/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: CP - RURAL EDDY CO

Sample ID: SW 2B R (H213071-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2021	ND	2.21	111	2.00	4.77	
Toluene*	<0.050	0.050	11/02/2021	ND	2.09	105	2.00	4.48	
Ethylbenzene*	<0.050	0.050	11/02/2021	ND	2.11	105	2.00	4.64	
Total Xylenes*	<0.150	0.150	11/02/2021	ND	6.46	108	6.00	3.52	
Total BTEX	<0.300	0.300	11/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	11/02/2021	ND	416	104	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2021	ND	210	105	200	5.82	
DRO >C10-C28*	<10.0	10.0	11/02/2021	ND	220	110	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	11/02/2021	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

b5-5 biank spike recovery outside of lab established statistical limits, but still within metriod limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

1.9

Page 11 of 11

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	ETech Environmental									BI	LL 1	TO	,					ANA	ALYS	IS R	EQU	EST			
Project Manage	r: Joel Lowry		,). #:										1		1				
Address: 26	17 Marland							Co	mpa	any:	Cono	co P	killips												Ш
city: Hobbs	State: Unx	Ziţ	: Z	82	40			Att	n:							1		1	+		1	+			\vdash
Phone #: 575	.964.2880 Fax#: -							Ad	dres	ss:															
Project #: 140		r: C	010	CO	Ph	:11:	PS	Cit	y:				1									1			
Project Name:	SRO State 84					•		Sta	ite:		Zip:														
Project Location	Miguel Eddy co, NM								one	#:			-1-						1						
FOR LAB USE ONLY	ruiguel karnina	Т			M	IATR	IX	_	REPRE	SERV		SAMP	LING												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:		TE	TIME	Chloride	8 TEX	TPH									
1	FLI@2'	C	1			X				X	10/	27/21	1	X	X	X	1								
2	FL1@2' FL3@4' FL2@4'R	C	i			X	1			X	10/	10/1		1	1	1		-					-		Ш
3		C	1			*		Ш		X				Ш	1	11		-	-		-	-	-		\Box
4	NW3B	C	1	Н		X	+	Н		X	-	4		11		11	-	-	+	+	-	-	-	-	\vdash
. 5	NW2C WW2B	0	1		4	1	H	Н		V		-			\mathbb{H}	H	-	+	+		1.	+	-	-	
7	EW38 6W2BR	C	1		1	(-	: .	X	1				A	1				1.		-			

PLEASE NOTE: Liability and Damages. Cardinat'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 whethere where during an arrived in writing and received by Cardinial within 30 days after computation of the applicable service. In no event shall Cardinal be liable for including discounted damages, including willhout limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries.

Relifiquished By	10.29.21 Time;	ived By:	aclos	Verbal Result: ☐ Yes ☐ No Add All Results are emailed. Please provide 8	l'I Phone #: mail address:
Relinquished By:	Date: Recei	Afficient Diverge By:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.9 Corrected Temp. °C 4.4	Sample Condition Cool Intact Ves Yes No No	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor None 0.5	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes Nc No Corrected Temp. °C

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



December 01, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 11/30/21 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/30/2021 Reported: 12/01/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: COG - RURAL EDDY CO Sampling Date: 11/29/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW 3 B (H213407-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2021	ND	1.93	96.7	2.00	0.674	
Toluene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.47	
Ethylbenzene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/30/2021	ND	6.14	102	6.00	2.40	
Total BTEX	<0.300	0.300	11/30/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/30/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2021	ND	187	93.4	200	3.39	
DRO >C10-C28*	<10.0	10.0	11/30/2021	ND	198	99.1	200	0.672	
EXT DRO >C28-C36	<10.0	10.0	11/30/2021	ND					
Surrogate: 1-Chlorooctane	95.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	102	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/30/2021 Sampling Date: 11/29/2021

Reported: 12/01/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: NW 3 C (H213407-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2021	ND	1.93	96.7	2.00	0.674	
Toluene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.47	
Ethylbenzene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/30/2021	ND	6.14	102	6.00	2.40	
Total BTEX	<0.300	0.300	11/30/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/30/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2021	ND	187	93.4	200	3.39	
DRO >C10-C28*	<10.0	10.0	11/30/2021	ND	198	99.1	200	0.672	
EXT DRO >C28-C36	<10.0	10.0	11/30/2021	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.4	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 11/30/2021 Sampling Date: 11/29/2021

Reported: 12/01/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: COG - RURAL EDDY CO

ma/ka

Sample ID: EW 3 C (H213407-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2021	ND	1.93	96.7	2.00	0.674	
Toluene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.47	
Ethylbenzene*	<0.050	0.050	11/30/2021	ND	1.99	99.7	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/30/2021	ND	6.14	102	6.00	2.40	
Total BTEX	<0.300	0.300	11/30/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/30/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2021	ND	187	93.4	200	3.39	
DRO >C10-C28*	<10.0	10.0	11/30/2021	ND	198	99.1	200	0.672	
EXT DRO >C28-C36	<10.0	10.0	11/30/2021	ND					
Surrogate: 1-Chlorooctane	98.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101	Eas	st A	Marland	, Hob	bs, I	NM	8824	C
(5	75)	39	3-2326	FAX	(575	39	3-247	6

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address: 2617 West Marland	Company (OG	
City: Hobbs State: NM Zip: 88240	Attn:	
Phone #: (575) 264-9884 Fax #:	Address:	
Project #: 14015 Project Owner: COS	City:	
Project Name: 5RD State 8 H Project Location: Rwal Eddy County	State: Zip:	TPH (8015M)
Project Location: Rwal Eddy County	Phone #:	(80)
Sampler Name: Dominic Casan	Fax #:	BTEX 81EX
FOR LAB USE ONLY MAT	IX PRESERV. SAMPLING	
(C)OMP ERS ATER		
NATE R		
Lab I.D. Sample I.D.	BBASE COOL	
(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE OTHER: OTHER: AMIL STAND	
15W3B	112921 X	XX
1 NUI 3 C	V X	XX
3 GW 3 C C 1	V V	XX
100/21		
10 11/5		
(28)		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim assing whether based	contract or tort, shall be imited to the amount paid by the cirent for the	
analyses. All claims including trose for negligence and any other cause whatevever shall be deemed welved unitess made in service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business into	ting and received by Cardinal within 30 days after completion of the applical	•
offinates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether : Relinquished By: Date: Received By:		☐ Yes ☐ No Add'l Phone #:
Den Com Time: Jack	Fax Result: REMARKS:	☐ Yes ☐ No Add'I Fax #:
5:00pmc Day) A.	
Relinquished By: Date: Received By:	1/1/1/1/1	
1 Ime O820 Mulan	Please email o	opy of COC and results to pm@etechenv.com.
Delivered By: (Chrole One) 0.9e) C-0.5c Sample	ondition CHECKED BY:	
Sampler - UPS - Bus - Other: Q (10 #10	Yes	
No I No	No Y =-	



December 03, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 12/01/2021
 Sampling Date:
 11/30/2021

 Reported:
 12/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: NW 5 (H213436-01)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEX	<0.300	0.300	12/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/02/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					
Surrogate: 1-Chlorooctane	83.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.8	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

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

Fax To:

Received: 12/01/2021 Sampling Date: 11/30/2021 Reported: 12/03/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: NW 4 (H213436-02)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEX	<0.300	0.300	12/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/02/2021	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

See 170 5 180 A

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager:				P.O. #:							
Address: 261	7 West Marland	Company CDE									
City: Hobbs	State: NM	Zip: 88240	Attn: Address: City: State: Zip: Phone #: Fax #: PRESERV SAMPLING								
Phone #: (57	5) 264-9884 Fax #:					(M)					
Project #: 14	1015 Project Owner	100									
Project Name:	5) 264-9884 Fax #: 1015 Project Owner SRO State 8 H n: Rural Eddy (owner)						18)				
Project Location	": Rural Eddy County					TPH (8015M)	(8021B)				
Sampler Name	Nous Car					B)	×				
FOR LAB USE ONLY	Direction	MATRIX				TP	ВТЕХ				
					1						
		G)RAB OR (C)OMP CONTAINERS SROUNDWATER VASTEWATER SOIL									
Lab I.D.	Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	OF SE								
		(G)RAB C # CONTA GROUND WASTEW SOIL	OTHER: CE / COOL								
H213436		# CG GRO WAS SOIL	OTHER: ACID/BASE ICE / COOL OTHER:	DATE TIME							
)	NW 5	CIIV	~	11 30/21	X	×	×				
2	NW4	CIV	V	11/30/21	X	×	×				
	1/21										
	O Mil		- 11		-						
	VAS /				-						
					-						
					-	_					
EASE NOTE:	of Darmages. Cardinal's liability and client's exclusive remedy for a	to claim suscen whether bused in contra	Clor but shall be limited t	to the savulous sated by the restricts	w Was						
I laybes All claims include	ny mose for negligence and any other cause whatroever shall be a ardinal be liable for incidental or consequental demages, including	a gnillaw ni elekan zaelmu bavlaw bernael	nd received by Cerdinal v	ithin 30 days after completion of	the applicat	No					
hiates or successors ansi	ng out of or related to the performance of services nereunder by C	Received By:	is pased upon any of the	Phone Re	NHC.	[] Ye	s D N	No Add'l Phone #:			
lelinguished B	11/30/21	Neces of Marie		Fax Resu	alt:	□ Ye					
Sen Co	Y: Date:	Book		REMARK	5:						
Relinquished B	Date: 12-1-2-1	Received By:	011	1/1							
	12-1-21 time: 315	Samara	Klaap	OHE Places	o licmo	2004	f COC	and results to pm@etechenv.com.			
Delivered By:	(Circle One) 6.16 (-0	Sample Condi	tion CHECK	ED BY:	orrian C	opy 0	1000	and results to princetecheny.com.			
	- Bus - Other:	Cool Intact	es —	ials)							
2,	(3.60	14/3 NO NO N	es Y.								

FORM-006 Revision 1.0



December 03, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 12/01/2021
 Sampling Date:
 11/30/2021

 Reported:
 12/03/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 3 B @ 4' (H213437-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	5.54	
Toluene*	<0.050	0.050	12/02/2021	ND	1.98	99.1	2.00	5.34	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.7	2.00	5.14	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.98	99.7	6.00	4.45	
Total BTEX	<0.300	0.300	12/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/02/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	217	109	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					
Surrogate: 1-Chlorooctane	96.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune

Dage 1 of 1

ARDINAL LABORATORIES

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

Company Name	Etech Environmental & Safety Solut		BILL TO	PANTA PA			ANALYSI	S REQUEST		
Project Manage	r:		P.O. #:							
Address: 261	7 West Marland		Company COC							
City: Hobbs	State: NM	Zip: 88240	Attn:							
	5) 264-9884 Fax #:		Address:							
Project #: 14	015 Project Owner	:	City:							
Project Name:	SRO State 8th		State: Zip:	9	SM)	(8021B)				
Project Location	": Rural Eddy County		Phone #:	1 2	Chioride H (8015)	080				
Sampler Name:	Buca o		Fax #:	3	TPH (8015M)	ВТЕХ				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	NG	1	8				
Lab I.D. H213437	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACID/BASE: ICE / COOL OTHER,	TIME						
1. 0.01	FL3BC41	CIV	11/20/21		XX	X				
	of Darmages. Cardinar's liability and client's exclusive remedy for an									
service. In no event shall Co	Time: 5:00 Date: 12-1-21 Time: 3/5 (Circle One) (2.10) C-0.	without imitation, business interruptions,	lote of use, or lote of profile incurred by one based upon any of the above stated residence of the control of	tion, its subsidiarios, asors or otherwise Phone Result Fax Result: REMARKS:	t: Yes	□ No	Add'l Phone Add'l Fax #:	#: om@etechenv.o	com.	

FORM-006 Revision 1.0

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



December 06, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/02/21 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Applyand By MC/

 Received:
 12/02/2021
 Sampling Date:
 12/01/2021

 Reported:
 12/06/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 4 @ 4' (H213462-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/06/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	<10.0	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 12/02/2021 Sampling Date: 12/01/2021 Reported: 12/06/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 14015

Project Location: COG - RURAL EDDY CO

Sample ID: FL 5 @ 3' (H213462-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	12/06/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	<10.0	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	96.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.1	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS/

Tux

12/02/2021

mg/kg

Reported: 12/06/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Received:

BTEX 8021B

Project Location: COG - RURAL EDDY CO

Sampling Date: 12/01/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 6 @ 3' (H213462-03)

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/06/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	<10.0	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	92.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 12/02/2021 Sampling Date: 12/01/2021

Reported: 12/06/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: EW 6 (H213462-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/06/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	<10.0	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

ARDINAL LABORATORIES 101 Fast Mariand Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solu	tions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager:		P.O. #:	
Address: 2617 West Marland		Company COS	
City: Hobbs State: NM	Zip: 88240	Attn:	
Phone #: (575) 264-9884 Fax #:		Address:	
Project #: 4015 Project Owner	r: COC	City:	
Project Name: SKD State 8 1+		State: Zip:	Chloride TPH (8015M) BTEX (8021B)
Project Location: Leval Eddy		Phone #:	Chloride EX (8021
Sampler Name:		Fax #:	등 (X) A () () () () () () () () ()
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D. Hal 3462 1 Flye4' 2 Fl5@3' 3 Fl6@3' 4 EW4	CONTAINERS GROUNDWATER WASTEWATER CONTAINERS GROUNDWATER WASTEWATER CONTAINERS GROUNDWATER MASTEWATER CONTAINERS SLUDGE	OTHER: ACID/BASE: OTHER: TOTHER:	X
LEASE NOTE: Liability and Dahrages Cardinal's liability and client's exclusive remedy full at all justs. All claims including those for negligence and any other cause whatsoever shall be rivice. In no event shall Cardinal be lebtle for incidental or consequential demagns, including Waters or successors arising out of or related to the performance of services hereunizer by Cardinquished By: Date:	teemed waived unless made in writing as without imitation, business interruptions,	nd received by Cardinal willish 30 days after completelon of tops of use, or loss of profile incurred by client, its subsidit is based upon any of the above stated reasons or other Rax Resignance. Phone R Fax Resignance CHÈCKED BY: (Initials)	of the applicable idiariles. Provide Provide Provide Provide

FORM-006 Revision 1.0



December 06, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/02/21 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Sample Received By:

12/01/2021

Tamara Oldaker

Analytical Results For:

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

Received: 12/02/2021 Sampling Date: Reported: 12/06/2021 Sampling Type:

Reported: 12/06/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sample ID: DEF 1 @ 0' (H213463-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	12/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	305	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	190	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	82.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

12/02/2021

Reported: 12/06/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: COG - RURAL EDDY CO Sampling Date: 12/01/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: DEF 1 @ 4' (H213463-02)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2021	ND	2.11	105	2.00	0.603	
Toluene*	<0.050	0.050	12/04/2021	ND	2.06	103	2.00	0.585	
Ethylbenzene*	<0.050	0.050	12/04/2021	ND	2.02	101	2.00	0.118	
Total Xylenes*	<0.150	0.150	12/04/2021	ND	6.12	102	6.00	0.00774	
Total BTEX	<0.300	0.300	12/04/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	12/04/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2021	ND	218	109	200	0.574	
DRO >C10-C28*	<10.0	10.0	12/04/2021	ND	208	104	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	12/04/2021	ND					
Surrogate: 1-Chlorooctane	90.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address: 2617 West Marland	Company COG	
City: Hobbs State: NM Zip: 88240	Attn:	
Phone #: (575) 264-9884 Fax #:	Address:	
Project #: 14015 Project Owner: CO	City:	
Project Name: SLO State 8H	State: Zip:	(8021B)
Project Location: Cural Eddy	Phone #:	(80 801
Sampler Name: Access	Fax #: 5	TPH (8015M)
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
I DEFICO' CI	~ 12/121 ×	XX
2 DFF 164'	- 12/1/21 ×	××
LEASE NOTE. Liability and Damages. Cardinar's liability and client's exclusive remedy for any claim arising wheth	er based in contract or fort, shall be limited to the amount paid by the chent for the	
pracyses. An craims including those for negligence and any other cause whatevever shall be deemed waived unlesservice. In no event shall Cardinal be tisble for incidental or consequental damages, including without limitation, but	s made in writing and received by Cardinal within 30 days after completion of the applica	able
Received Established By: Date: 21 Received Established By: 5:0000000000000000000000000000000000		☐ Yes ☐ No Add'I Phone #: ☐ Yes ☐ No Add'I Fax #:
Relinquisped By: Date: 18-2-21 Time:4/5	unon Aldaksen	copy of COC and results to pm@etechenv.com.
	ample Condition CHECKED BY:	,
	Yes Yes No No	



December 07, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/03/21 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



12/02/2021

Soil

Analytical Results For:

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

Sampling Date:

Received: 12/03/2021 Reported: 12/07/2021

Sampling Type: Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

Sample ID: FL 2 B @ 4' (H213479-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	ND	1.58	78.8	2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.60	76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Jodi Henson

Project Location: COG - RURAL EDDY CO

Sample ID: FL 7 @ 3' (H213479-02)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	ND	1.58	78.8	2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.60	76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.1	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Analyzed By: JH

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 8 @ 4' (H213479-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	ND	1.58	78.8	2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.60	76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500CI-B mg/kg			Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Analytical Results For:

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

Fax To:

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

Sample ID: FL 9 @ 4' (H213479-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	12/07/2021 ND 1			2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	2021 ND		76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: JH

Received: 12/03/2021 Reported: 12/07/2021

SRO STATE COM #8H

mg/kg

Project Name: SRO S' Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sampling Date: 12/02/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: FL 10 @ 4' (H213479-05)

BTEX 8021B

	9,	9	,202 27.0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	ND	ND 1.58		2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.60	76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Analyzed By: JH

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 11 @ 4' (H213479-06)

BTEX 8021B

	9,	9	7,202.27.5						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.53	76.5	2.00	12.1	
Toluene*	<0.050	0.050	12/07/2021	ND	1.58	78.8	2.00	11.7	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.54	76.9	2.00	15.3	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	4.60	76.7	6.00	16.4	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2021	ND	224	112	200	18.6	
DRO >C10-C28*	<10.0	10.0	12/06/2021	ND	208	104	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	12/06/2021	ND					
Surrogate: 1-Chlorooctane	99.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS/

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 12 @ 4' (H213479-07)

BTEX 8021B

DIEX GOZID	ıııg,	- Kg	Allulyzed by: 1-15/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	QM-07, QR-03
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	QR-03
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	QR-03
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	QR-03
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	97.6	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	94.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Jodi Henson

Sample Received By:

Analytical Results For:

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

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sample ID: FL 13 @ 4' (H213479-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	'kg	Analyze	d By: GM						
Analyte	Result	Reporting Limit	Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Cool & Intact

Jodi Henson

Analytical Results For:

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

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition:
Project Number: 14015 Sample Received By:

Project Location: COG - RURAL EDDY CO

Sample ID: FL 14 @ 4' (H213479-09)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	2/06/2021 ND		79.0	6.00	11.0	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	95.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.0	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

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

Analyzed By: MS/

Fax To:

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 15 @ 4' (H213479-10)

BTEX 8021B

	<u> </u>			· , ·					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	98.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS/

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 16 @ 4' (H213479-11)

BTEX 8021B

	9,	9	7,202.2707						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS/

Fax To:

Received: 12/03/2021 Sampling Date: 12/02/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 17 @ 4' (H213479-12)

BTEX 8021B

	9/	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.4	2.00	8.29	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.5	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.54	77.1	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.74	79.0	6.00	11.0	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	189	94.5	200	4.30	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	203	101	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	91.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

OD 04



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

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

FORM-006 Revision 1.0

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name:	Etech Environmental & Safety So	lutions	s, Inc	C.		BI	LL TO	V				ANALYSIS REQUEST
Project Manager:					P.O.	#:						
Address: 2617	West Marland				Com	pany	COG					
City: Hobbs	State: NM	Zip	: 88	240	Attn:							
Phone #: (575)	264-9884 Fax #:				Addr	ess:						
Project #: 4	015 Project Own	er:	CO	6	City:							
Project Name:	3ROState 8H				State		Zip:		9	5M	21B	
roject Location	Rulal Eddy				Phon	ne #:			Chloride	FPH (8015M)	(8021B)	
Sampler Name:	In Ca				Fax #	t:			Ch	H	ВТЕХ	
FOR LAB USE ONLY				MATRIX	PI	RESERV	SAMPLI	NG	1	F	BT	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP	CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ICE / COOL OTHER:	DATE	TIME				
,	F1.28 C4'	C	1		0 4	V	12/2/21		X	1	X	
2	117631	Tĭ	1			1	1		1	1	1	
3	F18 04'		11									
4	FL9 e4'											
5	FL1064'		Ш									
6	FL 11e4	-11	Ш						1			
7	FL 1264	-11	H	- 11					H	1	-	
8	FLIBEY	-11	-			1			+	H		
2	F1 19 8 9 1	-1.1	IJ,		+	1	1		11/	1	1	
EASE NOTE: Liability and	Darriages. Cardinal's limiting and cuent's exclusive remedy f	M any Cla	ini ansi	ing whether based in contract	or tort, sh	all be limited	to the amount paid	by the crent to	the	V	10	
vice in no event shall Car	those for negligence and any other cause whetevever shall dinal be tiable for incidental or consequental damages, inclu	ding witho	uus liinnilis	ation, business interruptions,	loss of use	s, or lass of p	rofits incurred by of	lent, ils subsicia	rios,	ble		
lelinquished By:	out of or related to the performance of services hereunder			ved By:	is based u	ipon any of th	e above stated rea	Phone Re	sult:	□ Ye		No Add'l Phone #:
Da	17474 175:00			RO				Fax Resu REMARK		□ Ye	es 🗆	No Add'I Fax #:
elinquished By	12/3/2 Time: 5	0 4	OC	ved By:	50	n		Please e	mail o	сору	of COC	Bush added 12k/21 C and results to pm@etechenv.com.
	(Circle One) _2.8	11-	_	Sample Condit		CHECK	(ED BY: als)					
ampler - UPS	Bus - Other:	TH	8	Yes Yes No N	s o	41						
FORM-00	6 7	Cardin	late	annot accept ve	rbal ch	nanges.	Please fax	written o	hange	es to	575-393	93-2476

Released to Imaging: 4/20/2022 1:47:24 PM

Page 139 of 196

ARDI

Revision 1.0

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.84

ARDINAL LABORATORIES

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

Company Name:	: Etech Environmental & Safety Solut	ions	, Inc.		BI	LL TO	14/1/2				ANALYSIS REQUEST	
Project Manager	r:			P.O	. #:							
Address: 2617 West Marland					Company							- 1
City: Hobbs	Attn:											
Phone #: (575	6) 264-9884 Fax #:		0.0	Add	lress:							
Project #: 4	015 Project Owner	: (206	City	r;					<u> </u>		
Project Name:	SKO State & H			Stat	te:	Zip:		e e	IPH (8015M)	(8021B)		
Project Location	" lural Eddy			Pho	ne #:			Chloride	(801	(80		
Sampler Name:	Pila 0			Fax	#:			Ch Ch	H	ВТЕХ		
FOR LAB USE ONLY			MATRIX	1	PRESERV	SAMPLI	NG		F	m		
		OMP	(C) (H)									
LobiD	Sample I D	G)RAB OR (C)OMP	GONTAINERS SROUNDWATER WASTEWATER SOIL		د نن							
Lab I.D.	Sample I.D.	IB OI	JND) JND)	α. α.	COO							
H213419		3)RA	GROUND GROUND WASTEW SOIL	OTHER	ACID/BASE ICE / COOL OTHER	DATE	TIME					
11	FLILLEY'	Č	# 0 > 0 0 0		/	12/21	711112	X	×	X		
12	FLIZey	C			V	17/2/21		×	X	×		
	D (b)											
	12/3,							_				_
					-11-	-		-				-
						-						-
PLEASE NOTE: Liability and	Damages Cardinal's liability and client's exclusive remedy for a	y clain	u ansing whether based in contra	et or tort	shall be limited	to the arriount pair	d by the count for	the				
service. In no event shell Ca	g those for negligence and any other cause whelsoever shall be rdinal be liable for incidental or consequental damages, including	withou	e timitation, business interruptions	, loss of u	se, or loss of p	rollis incurred by o	tient, its subsidiar	ries,	ble			
Relinquished By	g out of or related to the performance of services hereunder by C	Re	ceived By:	n is Dased	upon any of the	ne above stated re	Phone Re	sult:	☐ Ye			
han	Ca Tippe: DI ma		CAR				Fax Resul		□ Ye	s 🗆 N		, ,
Relinquished By	Date:	Re	ceived By:	>							Bush added 12/6/	21
11111	12/3/21	/	Indi W	111	100	1	h				To have	
LAK	17:50	9	peu sa	tion	CHECK	CED BY:	Please e	mail c	ору о	f COC	and results to pm@etechenv.com.	
Delivered By:	(Circle One) _ Z.82	1.	Sample Condi Cool Intact		Mi	(ED BY:						
Sampler - UPS	- Bus - Other: 5 #	11	3 Yes Ye		4	M						
FORM-00	06 - X.3 + Ca	rdina	al cannot accept ve	rbal d	changes.	Please fax	written c	hange	es to 5	75-393-	3-2476	

Released to Imaging: 4/20/2022 1:47:24 PM



December 07, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/06/21 11:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 12/06/2021
 Sampling Date:
 12/03/2021

 Reported:
 12/07/2021
 Sampling Type:
 Soil

Reported: 12/07/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 18 @ 4' (H213500-01)

BTEX 8021B	mg/kg		Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.7	2.00	11.7	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.6	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.53	76.5	2.00	14.1	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.70	78.3	6.00	13.4	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	217	108	200	1.37	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	200	99.9	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

COG - RURAL EDDY CO

 Received:
 12/06/2021
 Sampling Date:
 12/03/2021

 Reported:
 12/07/2021
 Sampling Type:
 Soil

Reported: 12/07/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Sample ID: FL 19 @ 4' (H213500-02)

Project Location:

BTEX 8021B	mg/kg		Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.7	2.00	11.7	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.6	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.53	76.5	2.00	14.1	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.70	78.3	6.00	13.4	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	217	108	200	1.37	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	200	99.9	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 12/06/2021 Sampling Date: 12/03/2021

Reported: 12/07/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14015 Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: EW 2 B (H213500-03)

BTEX 8021B	mg/kg		Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2021	ND	1.61	80.7	2.00	11.7	
Toluene*	<0.050	0.050	12/06/2021	ND	1.55	77.6	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/06/2021	ND	1.53	76.5	2.00	14.1	
Total Xylenes*	<0.150	0.150	12/06/2021	ND	4.70	78.3	6.00	13.4	
Total BTEX	<0.300	0.300	12/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/07/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	217	108	200	1.37	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	200	99.9	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	102 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

	a		
	R	The same	-
1	1	7	
1	7		

ARDINAL LABORATORIES

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

0	115	CHAIN-	OF-CUS	TODY	AND	ANALYS	S REQU	JEST
	N)	Idid	1.114					

	26	4
ဖြ	OK	1
קן		l
ဖ		

Released to Imaging: 4/20/2022 1:47:24 PM

ompany Name: Etech Environmental & Safety Soluti	ons, Inc.	BILL TO	2000000		ANALYSIS REQUEST
roject Manager:		P.O. #:			
ddress: 2617 West Marland		Company (C)	-		
ity: Hobbs State: NM	Zip: 88240	Attn:	- 1		
none #: (575) 264-9884 Fax #:		Address: "			
roject #: 14015 Project Owner	06	City:			
roject Name: SO State 3H		State: Zip:	9	TPH (8015M)	BTEX (8021B)
roject Location: Vivial Ed all		Phone #:	Chloride	801	(80)
ampler Name: \mu(a_		Fax #:	S S	H	
FOR LAB USE OHLY	MA	RIX PRESERV. SAMP	ING	=	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL CTHER:	TIME		
1 FL18C4'	CII	12/3/2	X	X	X
2 FL 19@41 3 EW2B			×	X	X
3 EW2B	Ci		*	4	∠
12th 16127					
				1	
EASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for ar- thyses: All claims including those for negligence and any other cause wheleover shall be of				cable	
wice. In no event shell Cardinal be flable for ecidental or consequental damages, including lates or successure artising out of an entertal of the periformation of services hereunder by Co	aithout limitation, business in		client, its subeidiaries.		
elinquished By: Date 1243121 Time:	Received By:		Phone Result: Fax Result: REMARKS:	☐ Yes	
Delivered By: (Circle One)		Oldak BY:	Please email	сору о	of COC and results to pm@etechenv.com.
1.00		Yes (Initials)	1		



December 08, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/07/21 8:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 20 @ 4' (H213515-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/07/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	71.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 12/07/2021 Reported: 12/08/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sampling Date: 12/07/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 21 @ 4' (H213515-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	< 0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/07/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	75.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 22 @ 4' (H213515-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	65.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.6	% 38.9-14							

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Analyzed By: MC/

Project Location: COG - RURAL EDDY CO

Sample ID: FL 23 @ 4' (H213515-04)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050 0.050 0.150 0.300	Analyzed 12/07/2021 12/07/2021 12/07/2021 12/07/2021 12/07/2021	Method Blank ND ND ND ND ND	BS 1.85 1.79 1.78 5.49	% Recovery 92.7 89.7 88.9	True Value QC 2.00 2.00 2.00	RPD 3.05 8.99 9.64	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150	12/07/2021 12/07/2021 12/07/2021	ND ND	1.79 1.78	89.7 88.9	2.00	8.99	
<0.050 <0.150 <0.300	0.050 0.150	12/07/2021 12/07/2021	ND	1.78	88.9			
<0.150 <0.300	0.150	12/07/2021				2.00	9.64	
<0.300		, ,	ND	5 49				
	0.300	12/07/2021		3.13	91.5	6.00	9.23	
96.7			ND					
	% 69.9-14	0						
mg	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
240	16.0	12/07/2021	ND	416	104	400	3.92	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
<10.0	10.0	12/07/2021	ND					
70.4	% 44.3-13	3						
		2						
	Result 240 mg Result < 10.0 < 10.0 < 10.0	mg/kg Result Reporting Limit 240 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 44.3-13	mg/kg Analyzed Result Reporting Limit Analyzed 240 16.0 12/07/2021 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/ky Analyzed Method Blank Result Reporting Limit Analyzed Blank Result Reporting Limit Analyzed Method Blank <10.0	mg/ky Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS 240 16.0 12/07/2021 ND 416 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	Mag/kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery 240 16.0 12/07/2021 ND 416 104 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/ky Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 240 16.0 12/07/2021 ND 416 104 400 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg / kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 240 16.0 12/07/2021 ND 416 104 400 3.92 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

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

Analyzed By: MS/

12/07/2021

mg/kg

Reported: 12/08/2021

Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sampling Date: 12/07/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 24 @ 4' (H213515-05)

Received:

BTEX 8021B

	9,	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	58.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	59.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Analyzed By: MS/

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 25 @ 4' (H213515-06)

BTEX 8021B

	9,	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	75.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Analyzed By: MS/

Fax To:

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

mg/kg

Sample ID: FL 26 @ 4' (H213515-07)

BTEX 8021B

	9/	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	55.4	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	57.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sample ID: FL 27 @ 4' (H213515-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	66.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: COG - RURAL EDDY CO

Sample ID: FL 28 @ 4' (H213515-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	77.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Sample Received By:

12/07/2021

Tamara Oldaker

Analytical Results For:

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

Received: 12/07/2021 Sampling Date:

Reported: 12/08/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015

Project Location: COG - RURAL EDDY CO

Sample ID: FL 29 @ 4' (H213515-10)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2021	ND	1.85	92.7	2.00	3.05	
Toluene*	<0.050	0.050	12/07/2021	ND	1.79	89.7	2.00	8.99	
Ethylbenzene*	<0.050	0.050	12/07/2021	ND	1.78	88.9	2.00	9.64	
Total Xylenes*	<0.150	0.150	12/07/2021	ND	5.49	91.5	6.00	9.23	
Total BTEX	<0.300	0.300	12/07/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/07/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2021	ND	192	95.9	200	7.90	
DRO >C10-C28*	<10.0	10.0	12/07/2021	ND	206	103	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/07/2021	ND					
Surrogate: 1-Chlorooctane	75.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

(A)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	e: Etech Environmental & Safety Solu	tions	s, In	C.					B	ILL TO						ANA	LYSI	S RE	QUE	ST			
Project Manage	er: Kathy Purvis						P.	0. #:															
Address: 26	17 W Marland						Co	mpa	ny	co	G												
City: Hobbs	State: NM	Zip	:88	3240			Att	tn:															
Phone #: (57	75) 264-9884 Fax #:						Ad	dres	s:			1							1				
Project #: 140	D15 Project Owne	r:	C	OG			Cit	ly:				1											1 1
Project Name:	SRO State 8H						Sta	ate:		Zip:			TPH (8015M)	BTEX (8021B)									
Project Locatio	n: Rural Eddy, NM						Ph	one i	# :			Chloride	801	(80									
Sampler Name:	: Dominic Casarez						Fa	x #:				ਤਿੰ	Ī	E									
FOR LAB USE ONLY		Ι.	Г		MATRI	X		PRES	SERV	SAMPL	ING	1	1	BT									1 1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME												
- 1	FL 20 @ 4	C	1		Х				X	12/7/21		X	X	X									
2	FL 21 @ 4	С	1		Х				X	12/7/21		Х	X	Х									
	FL 22 @ 4	С	1		X)	X	12/7/21		Х	X	X									
4	FL 23 @ 4	С	1		X)	X	12/7/21		X	Х	X	1								
5	FL 24 @ 4	С	1		X	Ш)	X	12/7/21		Х	X	X	-								\vdash
6	FL 25 @ 4	C	1		X	Ш	_)	X	12/7/21		X	Х	X	4				_			_	\vdash
7	FL 26 @ 4	С	1		Х	Ш	4)	X	12/7/21		X	X	X	-						_	-	+
8	FL 27 @ 4	С	1		X		4)	X	12/7/21		X	X	X	-	+			-		_	-	+-1
9	FL 28 @ 4	С	1		X	Ш	_		X	12/7/21		Х	X	X	+	-			-	-	_	-	+
	FL 29 @ 4 nd Damages. Cardinal's liability and client's exclusive remedy for a	С	1	no whether h	X	unfract o	r tort		(limiter	12/7/21	d by the client for	X	X	X		1							\vdash
analyses. All claims includ service. In no event shall C	ing those for negligence and any other cause whatsoever shall be bardened be labele for incidental or consequential diamages, including ing out of or related to the performance of services hereunder by CV: Date: 12 - 7 - 21 Time: 827	withou	d welv it limb i, rega iCOI	red unless ma utlon, busines	ide in writ is interrup	ing and tions, lo	receit es of	wed by C	ardinal oss of p	within 30 days after writte incurred by one above stated re	r completion of t silent, its subsidie	ne applicatives, se. ssult: lt: S:	□ Ye		No No	Add'l I	Phone :	#:					
Delivered By Sampler - UPS	: (Circle One) _ 8.7° - 0	2,5	-0 4/1	Coo	ple Co Inta Yes 2 No 2	act -	_		(Ini	KED BY:	Please e			to p	m@e	techen	.com						

FORM-006 Revision 1.0 Page 13 of 13



December 08, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/07/21 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/06/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: WW 2 C (H213527-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2021	ND	1.98	99.2	2.00	4.41	
Toluene*	<0.050	0.050	12/08/2021	ND	1.92	95.9	2.00	5.21	
Ethylbenzene*	<0.050	0.050	12/08/2021	ND	1.88	94.2	2.00	5.49	
Total Xylenes*	<0.150	0.150	12/08/2021	ND	5.76	95.9	6.00	5.84	
Total BTEX	<0.300	0.300	12/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	186	92.9	200	0.659	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 12/07/2021 Sampling Date: 12/06/2021

Reported: 12/08/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: DEF 2 @ 0' (H213527-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2021	ND	1.98	99.2	2.00	4.41	
Toluene*	<0.050	0.050	12/08/2021	ND	1.92	95.9	2.00	5.21	
Ethylbenzene*	<0.050	0.050	12/08/2021	ND	1.88	94.2	2.00	5.49	
Total Xylenes*	<0.150	0.150	12/08/2021	ND	5.76	95.9	6.00	5.84	
Total BTEX	<0.300	0.300	12/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	12/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	186	92.9	200	0.659	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	85.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/06/2021

Reported: 12/08/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: DEF 2 @ 4' (H213527-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2021	ND	1.98	99.2	2.00	4.41	
Toluene*	<0.050	0.050	12/08/2021	ND	1.92	95.9	2.00	5.21	
Ethylbenzene*	< 0.050	0.050	12/08/2021	ND	1.88	94.2	2.00	5.49	
Total Xylenes*	<0.150	0.150	12/08/2021	ND	5.76	95.9	6.00	5.84	
Total BTEX	<0.300	0.300	12/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	186	92.9	200	0.659	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS/

mg/kg

12/07/2021 12/08/2021

Reported: Project Name: SRO STATE COM #8H

Project Number: 14015

Project Location: COG - RURAL EDDY CO Sampling Date: 12/06/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: DEF 3 @ 0' (H213527-04)

Received:

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2021	ND	1.98	99.2	2.00	4.41	
Toluene*	<0.050	0.050	12/08/2021	ND	1.92	95.9	2.00	5.21	
Ethylbenzene*	<0.050	0.050	12/08/2021	ND	1.88	94.2	2.00	5.49	
Total Xylenes*	<0.150	0.150	12/08/2021	ND	5.76	95.9	6.00	5.84	
Total BTEX	<0.300	0.300	12/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	186	92.9	200	0.659	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



12/06/2021

Soil

Analytical Results For:

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

Sampling Date:

Sampling Type:

Received: 12/07/2021 Reported: 12/08/2021

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: DEF 3 @ 4' (H213527-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2021	ND	1.98	99.2	2.00	4.41	
Toluene*	<0.050	0.050	12/08/2021	ND	1.92	95.9	2.00	5.21	
Ethylbenzene*	<0.050	0.050	12/08/2021	ND	1.88	94.2	2.00	5.49	
Total Xylenes*	<0.150	0.150	12/08/2021	ND	5.76	95.9	6.00	5.84	
Total BTEX	<0.300	0.300	12/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	186	92.9	200	0.659	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.0	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/07/2021 Sampling Date: 12/07/2021

Reported: 12/08/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Coo

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: DEF 1 @ 4.5' (H213527-06)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 464 12/08/2021 ND 416 400 16.0 104 3.77 QM-07

Sample ID: FL 4 @ 4.5' (H213527-07)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed BS True Value QC RPD Analyte Result Method Blank Qualifier % Recovery Chloride 640 16.0 12/08/2021 416 400 3.77 ND 104

Sample ID: FL 5 @ 4.5' (H213527-08)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	12/08/2021	ND	416	104	400	3.77		

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, 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 perioduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

1ge 167 of 190

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10/2

ARDINAL LABORATORIES

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

Company Name:	Etech Environmental & Safety Solut	ions, Inc.	BIL	L TO				ANALYSIS REQUEST
Project Manager:			P.O. #:					
Address: 2617	West Marland		Company	(00				
City: Hobbs	State: NM	Zip: 88240	Attn:					
Phone #: (575)	264-9884 Fax #:		Address:					
Project #: 140	Project Owner	: 006	City:					
Project Name:	SRO State 8H			Zip:	0	TPH (8015M)	BTEX (8021B)	
Project Location:	Newal Eddy		Phone #:		Chloride	801	(80	
Sampler Name:	Sun Can		Fax #:		흥	H	X	
FOR LAB USE ONLY	2	MATRIX	PRESERV.	SAMPLING	1	르	B	
Lab I.D. H213537	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME				
1	WW2C	CIIV	/	12/02/	X	X	X	
2	DEF 200'		15	84	X	X	X	
3	NEFZ C4'				X	X	X	
4	DEF3CO'				X	X	X	
5	DEF3CY'			V.	X	X	×	
6	DEFLE45			12/2/21	X			
7	FL4 e4.5'				X			
8	FL5 64.5'	14 1	V	V	X			
1					-	_		
analyses All claims including service in no event shall Card	Damages Cardinal's rabifity and client's exclusive remedy for a fitness for negligance and any other cause whaterower shall be fined be fitable for incidental or consequental damages, including out of or related to the performance of services hereunder by C	deemed weived unless made in writing an without limitation, business interruptions.	d received by Cardinal will loss of use, or loss of prof	tun 30 days after completion of ti its incurred by climit, its subsidie	he applicable ries,	9		
Relinquished By:	Date: (2)7/2	Received By:		Phone Re Fax Resu REMARK	sult: lt:	☐ Yes		
Relinquished By:	Date: 12-7-21 Time: 1615 (Circle One) 8.2 5 C-	Received By:	Ildak	M Please e	mail co	opy of	COC an	nd results to pm@etechenv.com.
Delivered By:		0.52 Sample Condit	(Initia					
Sampler - UPS -	Bus - Other: -8,7	e #113 No N	5 70					



December 09, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/08/21 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 12/08/2021
 Sampling Date:
 12/08/2021

 Reported:
 12/09/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

A - I - I D. .. MC /

Project Location: COG - RURAL EDDY CO

Sample ID: WW 4 (H213551-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2021	ND	2.05	103	2.00	0.900	
Toluene*	<0.050	0.050	12/09/2021	ND	2.01	100	2.00	0.0145	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.99	99.3	2.00	0.707	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.06	101	6.00	1.37	
Total BTEX	<0.300	0.300	12/09/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	12/09/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 12/08/2021 Sampling Date: 12/08/2021

Reported: 12/09/2021 Sampling Type: Soil
Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact

Project Number: 14015 Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: COG - RURAL EDDY CO

ma/ka

Sample ID: SW 4 (H213551-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2021	ND	2.05	103	2.00	0.900	
Toluene*	<0.050	0.050	12/09/2021	ND	2.01	100	2.00	0.0145	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.99	99.3	2.00	0.707	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.06	101	6.00	1.37	
Total BTEX	<0.300	0.300	12/09/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/09/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.1	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/08/2021 Sampling Date: 12/08/2021

Reported: 12/09/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: Cool & Intact
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: WH (H213551-03)

BTEX 8021B	mg/kg		Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2021	ND	2.05	103	2.00	0.900	
Toluene*	<0.050	0.050	12/09/2021	ND	2.01	100	2.00	0.0145	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.99	99.3	2.00	0.707	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.06	101	6.00	1.37	
Total BTEX	<0.300	0.300	12/09/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/09/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					
Surrogate: 1-Chlorooctane	86.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

RDINAL LABORATORIES

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

Company Name:	Etech Environmental & Safety Solu		;.	BILL TO					ANALYSIS REQUEST	
Project Manager:				P.O. #:						
Address: 2617 W		000	240	Company	(.00					
City: Hobbs	State: NM	Zip: 882	240	Attn:						
Phone #: (575) 26	1			Address: ,						
Project #: 190	Project Owne	r:		City:				_	<u>@</u>	
Project Name:	W State 8H			State:	Zip:		de	15N	121	
Project Location:	Kural Eddy			Phone #:			Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name:	Sin Con			Fax #:			ပ	H	Ĭ Ä	
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPL	ING		-	0	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP	GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:						
H213551	1.10.111	(G) # (G)	GRO WAS SOIL OIL SLUE	P S P	DATE	TIME	./			
	WWY		+ + +		12/8/21		_	×	X	
3	SWY	611					X	X	X	
9	WH	11	-		v					
		+								1. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1
		+++								
	10 (0/2)									
	12/8/									
	/	++1								
			1-1-1							
LEASE NOTE: Liability and Dam	nages. Cardinal's liability and client's exclusive remedy for a se for negligence and any other cause wherever shall be	any claim arising	ig whether based in contract	of or tort, shall be limited	to the amount par	d by the client for	the applicat	de		
ervice. In no event shall Cardinal	the fiebte for incidental or consequental demages, including of or related to the performance of services hereunder by (g without limited	don, business interruptions,	loss of use, or loss of pr	rollitis incurred by i	tient, its subadiar	ies,			
Relinquished By:	Date:	Receiv				Phone Re Fax Resul	sult:	☐ Ye		
Jaco	Time:		1600			REMARKS		Lite)	/ /
Relinquished By:	Date:	Receiv	red By:		, ,				1112	
1/1/	12-8-21 Time:		lamara	Malas	Low				MO	
Les les	1525	0	unevia	Liller	ED BY:	Please e	mail c	ору о	f COC a	and results to pm@etechenv.com.
Delivered By: (C		0.50	Sample Condit Cool Intact	(Init						
Sampler - UPS - B	us - Other: (-6.9c	#11	3 No No	s yo	_					
FORM-006		ardinal ca	annot accept ve	rbai changes.	Please fai	written c	hange	s to 5	75-393-	2476
Revision 1.0				-						



December 13, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/09/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS NM, 88240

Project: SRO STATE COM #8H

Project Number: 14015

Project Manager: JOEL LOWRY

Fax To:

Reported: 13-Dec-21 10:42

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WW 2 D	H213564-01	Soil	09-Dec-21 15:00	09-Dec-21 16:40
FL 9 @ 4'	H213564-02	Soil	09-Dec-21 15:00	09-Dec-21 16:40

12/13/21 - Sample ID for -01 was changed as per the client. This is the revised report and will replace the one sent on 12/10/21.

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: SRO STATE COM #8H

Project Number: 14015

Project Manager: JOEL LOWRY

Fax To:

Reported: 13-Dec-21 10:42

WW 2 D H213564-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes				
	Cardinal Laboratories													
Inorganic Compounds														
Chloride	384		16.0	mg/kg	4	1121006	AC	10-Dec-21	4500-Cl-B					
Volatile Organic Compounds by EPA Method 8021														
Benzene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B					
Toluene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B					
Ethylbenzene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B					
Total Xylenes*	< 0.150		0.150	mg/kg	50	1120923	MS/	10-Dec-21	8021B					
Total BTEX	< 0.300		0.300	mg/kg	50	1120923	MS/	10-Dec-21	8021B					
Surrogate: 4-Bromofluorobenzene (PID)			95.0 %	69.9	-140	1120923	MS/	10-Dec-21	8021B					
Petroleum Hydrocarbons by Go	C FID													
GRO C6-C10*	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B					
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B					
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B					
Surrogate: 1-Chlorooctane			78.8 %	44.3	-133	1121001	MS	10-Dec-21	8015B					
Surrogate: 1-Chlorooctadecane			76.3 %	38.9	-142	1121001	MS	10-Dec-21	8015B					

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: SRO STATE COM #8H

Project Number: 14015

Project Manager: JOEL LOWRY

Fax To:

Reported: 13-Dec-21 10:42

FL 9 @ 4' H213564-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	1121006	AC	10-Dec-21	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	1120923	MS/	10-Dec-21	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	1120923	MS/	10-Dec-21	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	1120923	MS/	10-Dec-21	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		95.1 %	69.9	-140	1120923	MS/	10-Dec-21	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1121001	MS	10-Dec-21	8015B	
Surrogate: 1-Chlorooctane			94.2 %	44.3	-133	1121001	MS	10-Dec-21	8015B	
Surrogate: 1-Chlorooctadecane			91.7 %	38.9	-142	1121001	MS	10-Dec-21	8015B	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: SRO STATE COM #8H

Project Number: 14015

Project Manager: JOEL LOWRY

Fax To:

Reported: 13-Dec-21 10:42

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1121006 - 1:4 DI Water										
Blank (1121006-BLK1)				Prepared &	Analyzed:	10-Dec-21				
Chloride	ND	16.0	mg/kg							
LCS (1121006-BS1)				Prepared &	Analyzed:	10-Dec-21				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (1121006-BSD1)		Prepared & Analyzed: 10-Dec-21								
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: SRO STATE COM #8H

Spike

Source

Project Number: 14015

Fax To:

Project Manager: JOEL LOWRY

Reported: 13-Dec-21 10:42

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes		
Batch 1120923 - Volatiles												
Blank (1120923-BLK1)	Prepared: 09-Dec-21 Analyzed: 10-Dec-21											
Benzene	ND	0.050	mg/kg									
Toluene	ND	0.050	mg/kg									
Ethylbenzene	ND	0.050	mg/kg									
Total Xylenes	ND	0.150	mg/kg									
Total BTEX	ND	0.300	mg/kg									
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.3	69.9-140					
LCS (1120923-BS1)	Prepared: 09-Dec-21 Analyzed: 10-Dec-21											
Benzene	2.01	0.050	mg/kg	2.00		100	85.1-114					
Toluene	1.98	0.050	mg/kg	2.00		99.1	88.6-116					
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.1	84.4-115					
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	85.5-116					
o-Xylene	1.91	0.050	mg/kg	2.00		95.5	85.2-111					
Total Xylenes	5.94	0.150	mg/kg	6.00		99.0	86.2-113					
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	69.9-140					
LCS Dup (1120923-BSD1)				Prepared: (09-Dec-21 A	Analyzed: 1	0-Dec-21					
Benzene	2.04	0.050	mg/kg	2.00		102	85.1-114	1.87	12.6			
Toluene	1.99	0.050	mg/kg	2.00		99.5	88.6-116	0.397	13.3			
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.2	84.4-115	0.113	13.9			
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	85.5-116	0.594	13.6			
o-Xylene	1.95	0.050	mg/kg	2.00		97.7	85.2-111	2.23	14.1			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	86.2-113	1.12	13.4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0459		mg/kg	0.0500		91.8	69.9-140					

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Project: SRO STATE COM #8H

Spike

Level

Source

Result

%REC

Project Number: 14015

Project Manager: JOEL LOWRY

Fax To:

Reported: 13-Dec-21 10:42

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Blank (1121001-BLK1)			Prepared & Analyzed: 10-Dec-21					
GRO C6-C10	ND	10.0	mg/kg					
DRO >C10-C28	ND	10.0	mg/kg					
EXT DRO >C28-C36	ND	10.0	mg/kg					
Surrogate: 1-Chlorooctane	42.3		mg/kg	50.0	84.7	44.3-133		
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0	83.7	38.9-142		
LCS (1121001-BS1)				Prepared & Anal	lyzed: 10-Dec-21			
GRO C6-C10	181	10.0	mg/kg	200	90.7	83.4-129		
DRO >C10-C28	204	10.0	mg/kg	200	102	79.3-136		
Total TPH C6-C28	385	10.0	mg/kg	400	96.3	85.3-130		
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0	88.5	44.3-133		
Surrogate: 1-Chlorooctadecane	43.7		mg/kg	50.0	87.4	38.9-142		

LCS Dup (1121001-BSD1)		Prepared & Analyzed: 10-Dec-21							
GRO C6-C10	188	10.0	mg/kg	200	94.2	83.4-129	3.78	12.6	
DRO >C10-C28	207	10.0	mg/kg	200	103	79.3-136	1.45	12.1	
Total TPH C6-C28	395	10.0	mg/kg	400	98.8	85.3-130	2.55	11.6	
Surrogate: 1-Chlorooctane	45.4		mg/kg	50.0	90.8	44.3-133			
Surrogate: 1-Chlorooctadecane	45.2		mg/kg	50.0	90.4	38.9-142			

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence are any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether succession are claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 9

Page 9 of 9

OF.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST								
Project Manager: Jale Lowsy	P.O. #:									
Address: P.O. Box 301	Company: E fah									
City: Lovington State: NM Zip: 88260	Attn:									
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:									
Project #: 4015 Project Owner: COG	City:									
Project Name: SRO State 8H	State: Zip:	9 de								
Project Location: Rutal Carls bad	Phone #:	Chloride TPH (8015M) BTEX (8021B)								
Sampler Name: Dawin Casavel	Fax #:	[등 [표 전								
	RIX PRESERV. SAMPLING									
H213564										
Lab I.D. Sample I.D.	ادننا									
#CONTAINERS GROUNDWATER WASTEWATER	OIL SLUDGE OTHER: ACID/BASE: OTHER: OTHER:									
# COPRA	OIL SLUDGE OTHER: ACID/BAS ICE / COC OTHER:									
WW26 WW2D*	(2-9.21 1500									
PFLAQU										
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether be	in contract or tort, shall be limited to the amount paid by the client for the	the								
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless mad service. In no event shall Cardinal be liable for incidental or consequental durages, including without limitation, business	emsplians, laws of use, or loss of profits incurred by client, its subsidiari	ine,								
Relinquished By: Date: 12-9-21 Time: 10-10-10-10-10-10-10-10-10-10-10-10-10-1	Phone Res	sult: Yes No Add'l Phone #:								
12-9-21 Time;	Fax Result REMARKS									
Relinguished By: Date: Received By:	iara Villago Remarks	rush Pleas								
Time:		rush pieus								
	Please el	mail results to pm@etechenv.com.								
(0.0) (-0.3c Cool	Condition CHECKED BY: (Initials)	mail results to pm@etechenv.com. whe ID changed asper kathy. Cle ptish								
Sampler - UPS - Bus - Other: 23.3 c #1/3	Yes O No	[Vish]								

FORM-006

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

Revision 1.0



December 13, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/10/21 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Applyand By MC/

 Received:
 12/10/2021
 Sampling Date:
 12/10/2021

 Reported:
 12/13/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Jodi Henson

Project Location: COG - RURAL EDDY CO

... .. /1...

Sample ID: WW 4B (H213577-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2021	ND	2.01	101	2.00	3.43	
Toluene*	<0.050	0.050	12/13/2021	ND	1.92	95.8	2.00	2.93	
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.91	95.6	2.00	3.38	
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.93	98.8	6.00	3.72	
Total BTEX	<0.300	0.300	12/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/11/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2021	ND	199	99.7	200	6.00	
DRO >C10-C28*	<10.0	10.0	12/10/2021	ND	195	97.6	200	0.815	
EXT DRO >C28-C36	<10.0	10.0	12/10/2021	ND					
Surrogate: 1-Chlorooctane	69.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solution		, Inc	C.	-					BI	LL TO						ANAL	YSIS	RE	QUE	ST			
Project Manager								P.O.	#:															
Address: P.O.								Com	pan	y: 1	Etec	h												
City: Lovingto	n State: NM	Zip	:88	260				Attn				•												
Phone #: (575) 396-2378 Fax #: (575) 3	96-1	429					Addı	ress	:														
Project #:	4015 Project Owner	r:	C	0 (1			City:										i						
Project Name:	SRG State 8	H						State	e:		Zip:		9	5M)	218									
Project Location	: rural Carlsbad	,						Pho	ne #	:			Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Dominic Capare	2						Fax	#:				등	H	EX									
FOR LAB USE ONLY		L	Г		M	ATRIX	K	P	RES	ERV.	SAMPL	NG		F	E									
Lab I.D. H213577	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE.	OTHER:	DATE	TIME												
1	WWHb				1			T			12/10	4:30	V	V	V									
			L	Ш				1	1															
			L		1	-		1	-								\vdash					-	-	_
		-			-	+		+	+	-	-				_	-	-			-		-	-	
		-	H		+	+		+	+	H		-				-	+-				\vdash	+	-	_
		-	⊢		+	+		+	+	+			\vdash			-	+		-			-	-	
		Н	-		+	+		+	+	+			\vdash			1	\vdash					_		
		1			+	+	\vdash	+	+													1		
analyses. All claims include service. In no overst shell Co affiliates or successors srien Relinquished By Relinquished By	1.C Casavez Type: 35	deerme g without ardine Re	d walve of the later of the lat	ved interest of the control of the c	is made nices of wheth By:	e in writi Interrup er such	ing and it fone, to claim is	eccive so of un based	d by Ce ee, or lo upon a	erdinal was of premy of the	within 30 days after rolls incurred by	r completion of ti client, its subsidie	no applica rice, so. sult: lt: S:	□ Ye	F		Add'l F Add'l F	ax #:		ec	S			

FORM-006 Revision 1.0

Received by OCD: 3/10/2022 1:23:18 PM

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

Page 4 of 4



December 14, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/13/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 12/13/2021 Sampling Date: 12/13/2021 Reported: 12/14/2021 Sampling Type: Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 5 @ 19' (H213592-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2021	ND	1.93	96.7	2.00	7.69	
Toluene*	<0.050	0.050	12/14/2021	ND	1.84	92.0	2.00	7.05	
Ethylbenzene*	<0.050	0.050	12/14/2021	ND	1.84	92.2	2.00	4.91	
Total Xylenes*	<0.150	0.150	12/14/2021	ND	5.73	95.6	6.00	4.73	
Total BTEX	<0.300	0.300	12/14/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/14/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2021	ND	215	107	200	1.02	
DRO >C10-C28*	<10.0	10.0	12/14/2021	ND	210	105	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	12/14/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

 Received:
 12/13/2021
 Sampling Date:
 12/13/2021

 Reported:
 12/14/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 13 @ 20' (H213592-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2021	ND	1.93	96.7	2.00	7.69	
Toluene*	<0.050	0.050	12/14/2021	ND	1.84	92.0	2.00	7.05	
Ethylbenzene*	<0.050	0.050	12/14/2021	ND	1.84	92.2	2.00	4.91	
Total Xylenes*	<0.150	0.150	12/14/2021	ND	5.73	95.6	6.00	4.73	
Total BTEX	<0.300	0.300	12/14/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/14/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2021	ND	215	107	200	1.02	
DRO >C10-C28*	<10.0	10.0	12/14/2021	ND	210	105	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	12/14/2021	ND					
Surrogate: 1-Chlorooctane	104 %	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	113 9	% 38.9-14							

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

ARDINA

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name:		nental & Safety Solut	_	, Inc				T		-	BIL	LL TO	FE I				ANALYSIS REQUEST	
Project Manager:	Jole	LOWRY							0. #									
Address: P.O.								Co	omp	any:	1	Etel	Cha					
City: Lovington	1	State: NM	Zip	882	260				tn:					1				
Phone #: (575)	396-2378	Fax #: (575) 3	96-1	429				Ac	idre	SS:				1				
Project #: 4	015	Project Owner	: (30	G			Ci	ty:					1				
Project Name: 5	san Sign	te at							ate:		,	Zip:			E	18		
Project Location:	AUREL	Carles 1	VV	M		_		-	one					pu	101	805		
Sampler Name:	Danaina	Cosave	7	11					x#:					Chloride	IPH (8015M)	BTEX (8021B)		
FOR LAB USE ONLY	Down	Co-Dear	Ť			MAT	RIX	1		ESE	RV.	SAMPL	ING	1	1	BTE		
Lab I.D. H213592	Sampl	e I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME					
1 -	FLS (Q) 1	01				1			Г		1	12/13	440	1		1		
21	FLIS@1	1				1						12/13	440	1/				
analyses. All claims including to	those for negligence and any final be lighte for incidental or out of or related to the perfor	nd client's suctualive remedy for a other cause whetsoever shall be a consequental damages, including nance of services hereunder by C Date: 1-9 //2	withou ardinal	t Walvo t Similar regan	d unless fon busi	made in ness int sketter:	within a	nd reco	eived by	y Casti or loss	of are	thin 30 days all Ma incurred by	er completion of t	no applica des, no.	tto Ye	s 🗆	No Add'I Phone #:	
Relinquished By:	+il Casa	Date: // // // Date:			ed By	M	Ota	6	le	M	4	Ken	Fax Resu REMARK		R		no Addifax#:	
Delivered By: Sampler - UPS -	(Circle One) Bus - Other:	22.3	D.	50	Sai	mple ool Yes	Condi	tion		0	Initia	ED BY:	Please e	email r	esults	to pr	@etechenv.com.	

FORM-006 Revision 1.0

Received by OCD: 3/10/2022 1:23:18 PM

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



December 15, 2021

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

RE: SRO STATE COM #8H

Enclosed are the results of analyses for samples received by the laboratory on 12/14/21 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

 Received:
 12/14/2021
 Sampling Date:
 12/14/2021

 Reported:
 12/15/2021
 Sampling Type:
 Soil

Project Name: SRO STATE COM #8H Sampling Condition: ** (See Notes)
Project Number: 14015 Sample Received By: Tamara Oldaker

Project Location: COG - RURAL EDDY CO

Sample ID: FL 4 @ 23' (H213602-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/15/2021	ND	416	104	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Released to Imaging: 4/20/2022 1:47:24 PM

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name:	Etech Environmenta			lnc.						B	ILL T	0						ANA	LYSI	S RE	QUE	ST			
Project Manager:	: Jule Loi	WRY						P.O). #:																
Address: P.O.								Cor	mpa	ny: 🕻	Ete	ch										1 1	- 1		
City: Lovingtor	1	State: NM Z	Zip: 8	3826	0			Attr																	
Phone #: (575)	396-2378	Fax #: (575) 39	6-14	29				Add	dres	s:															
Project #: /U	15	Project Owner:	(OG				City	<i>i</i> :									1							
Project Name:	SRO State							Sta	te:		Zip:				N N	218									
Project Location:	Rutal (a	rished						Pho	one :	#:				Chloride	IPH (8015M)	BTEX (8021B)									
Sampler Name:	Rukal (a Dominic C	asavez	,					Fax	#:					흥	I	X									
FOR LAB USE ONLY			T	T		MATR	IX		PRE	SERV	SAN	MPLH	NG		₽	E		1							
Lab I.D. #213462	Sample I.		(G)RAB OR (C)OMF	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DA	TΕ	TIME												
1	FLU @ 23	3				V					12/	14	4:30	1											
											, ,														
			4	1								_													
			4	1		1		Ш	4		-	_					_							_	_
-			+	+		_	1	Н	_	+	-	-				-	-	-				\vdash	_	-	_
			+	-	+		-	-	-	-	-	\dashv		-	-	-	-	-		-		-	_	-	_
			+	+	+	-	-	-	+	+	-	\dashv	_		-	-	-	\vdash	-		-	-	-	+	_
			+	+	++	-	-	\dashv	+	+	-	\dashv	-	-		-	-	-	-	-		-	-	+	
			+	+	+	-	+		-	+		\dashv		_		-	-	+				$\overline{}$	\rightarrow	+	-
analyses. All claims including service. In no event shall Care affiliates of successors arising Relinquished By:	Damages. Cardinar's Bubility and clien those for negligence and any other or finel be liable for incidental or correct out of or related to the performance of	suse whateover shall be de uestal damages, including w of services hereunder by Car Date: /2 /14 Time: 4-30	emed weithout it dinal, re	mived u mitation egardie	rdees me , busines	ido in we interru	iting and ptions, i	receive ses of a	ed by C	Cardinal loss of p	within 30 day wells incurre	ye din nd by cl and rea	completion of the	e application, e. suft: t:	☐ Ye	s 🗆	No No	Addi	Phone Fax #:	1	Pl	lea	5		
Delivered By: Sampler - UPS -	01 1.	23.5:			Cool	ole Co Int Year [-	yes No	on			KED BY:					,									

FORM-006 Revision 1.0

Received by OCD: 3/10/2022 1:23:18 PM

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 89266

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	89266
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	Condition	Condition
Ву		Date
jnobui	Deferral Request Approved. In the areas of FL-5 and FL-13, if more data is extent between 4 and 19 ft bgs, please submit that data as a tag into the system.	4/20/2022