Page 1 of 3 08

Incident ID	nAPP2117455077
District RP	
Facility ID	
Application ID	

## Closure

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

Closure Report Attachment Checklist: Each of the following ite	ms must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.11	NMAC
Photographs of the remediated site prior to backfill or photos o must be notified 2 days prior to liner inspection)	f the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate ODC)	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in
Printed Name: Connor Walker	Title: Sr. Engineer
Signature:	Date:6/14/2022
email: _cwalker@mewbourne.com	Геlephone: (806) 202-5281
OCD Only	
Received by: Robert Hamlet	Date:10/25/2022
	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by: Robert Hamlet	Date: 10/25/2022
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

of New Mexico

Incident ID	nAPP2117455077
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

This information must be provided to the appropriate district office no taler than 20 days after the release discovery date.			
What is the shallowest depth to groundwater beneath the area affected by the release?	65(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes 🗸 No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗸 No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗸 No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🗸 No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗸 No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	✓ Yes ☐ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗸 No		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	✓ Yes 🗌 No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  ✓ Field data			

Characterization	Characterization Report Checklist: Each of the following items must be included in the report.			
✓ Scaled site	map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.			
✓ Field data				
✓ Data table o	of soil contaminant concentration data			
✓ Depth to wa	ater determination			
✓ Determinati	on of water sources and significant watercourses within ½-mile of the lateral extents of the release			
	xcavation logs			
✓ Photographs	s including date and GIS information			
✓ Topographi				
✓ Laboratory	data including chain of custody			

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

Received by OCD: 6/17/2022 2:46:13 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 3 of 308

Incident ID	nAPP2117455077
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Connor Walker	Title: Sr. Engineer		
Signature:	Date:		
email: cwalker@mewbourne.com	Telephone: (806) 202-5281		
OCD Only			
Received by:	Date:		

Page 4 of 308

Incident ID	nAPP2117455077
District RP	
Facility ID	
Application ID	

## Closure

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

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certal may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.  Title: Sr. Engineer
email: cwalker@mewbourne.com	Telephone: (806) 202-5281
OCD Only	
Received by:	Date:
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date:

## **Remediation Summary & Soil Closure Request**

## **Mewbourne Oil Company** Ruger 31 MP Fed #1H Battery

Eddy County, New Mexico Unit Letter "M", Section 31, Township 19 South, Range 29 East Latitude 32.611941 North, Longitude 104.119722 West NMOCD Reference No. nAPP2117455077

Prepared By:

Etech Environmental & Safety Solutions, Inc.

2507 79th Street, Unit A Lubbock, Texas 79423

Ben J. Arguijo



Midland • San Antonio • Lubbock • Hobbs • Lafayette

#### TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
REMEDIATION ACTIVITIES SUMMARY	<b>4.0</b>
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	5.0
SOIL CLOSURE REQUEST	6 <b>.</b> 0
LIMITATIONS	7 <b>.</b> 0
DISTRIBUTION	<b> 8.0</b>

#### **FIGURES**

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

#### **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 Mewbourne Oil Company (Mewbourne), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Ruger 31 MP Fed #1H Battery (henceforth, "Ruger 31 Battery"). Details of the release are summarized below:

Location of Release Source						
Latitude: 32.611941 Longitude: -104.119722					-104.119722	
		Provided	GPS are in WGS84 for	mat.		
	ger 31 MP Fed #1F		Site Type:		Tank Battery	
Date Release Discover	red: 6/16	5/2021	API # (if appli	cable):	30-015-40242	
Unit Letter Se	ection Tow	vnship	Range	County	,	
"M"	31 1	.9S	29E	Eddy		
Surface Owner: S	tate X Federal	Tribal	Private (Na			
Crude Oil	Volume Release	ed (bbls)		Volume R	Volume Recovered (bbls)	
X Produced Water	Volume Release	ed (bbls)	900	Volume R	Recovered (bbls) 840	
Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?			es No N/A			
Condensate Volume Released (bbls) Volume Recovered (bb			Recovered (bbls)			
Natural Gas	Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (describe)	Volume/Weight Released			Volume/Weight Recovered		
Cause of Release: The tanks at the battery overflowed when (1) the water transfer pump failed, (2) the flowback hand assigned to monitor the tanks failed to check the tanks as scheduled, and (3) the flowback hand failed to stop the tanks from overflowing.						
Initial Response						
X The source of the release has been stopped.						
X The impacted area has been secured to protect human health and the environment.						
X Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices						
X All free liquids an	X All free liquids and recoverable materials have been removed and managed appropriately.					

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

#### 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 Ruger 31 Battery 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?	65'	
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?	X Yes No	

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

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

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Ruger 31 Battery 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
65'	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

<sup>\*</sup> Measured in milligrams per kilogram (mg/kg)

<sup>†</sup> Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

<sup>‡</sup> The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

#### 4.0 REMEDIATION ACTIVITIES SUMMARY

In July 2021, remediation activities commenced at the release site. Mewbourne retained Etech to conduct confirmation soil sampling. A third-party contractor, which is no longer affiliated with the site, was contracted to perform the excavation. Impacted soil was excavated to a depth of approximately six (6) inches below ground surface (bgs) and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal.

On July 20, 2021, Etech collected 118 confirmation soil samples (FL 1 @ 6" through FL 118 @ 6") from the floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory method detection limit (MDL) in a majority of the submitted soil samples, with the exceptions of soil samples FL 1 @ 6", FL 36 @ 6", FL 50 @ 6", FL 68 @ 6", FL 78 @ 6", FL 91 @ 6", FL 114 @ 6", and FL 115 @ 6", which exhibited TPH concentrations ranging from 16.9 mg/kg (FL 115 @ 6") to 922 mg/kg (FL 91 @ 6"). Chloride concentrations ranged from 32.0 mg/kg in sample FL 82 @ 6" to 18,000 mg/kg in samples FL 14 @ 6" and FL 37 @ 6".

On July 22, 2021, Etech collected 62 confirmation soil samples (NW1 through NW6, EW1 through EW4, SW1 through SW5, WW1 through WW5, and FL 119 @ 6" through FL 160 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in a majority of the submitted soil samples, with the exceptions of soil samples NW2, NW3, WW2, FL 120 @ 6", FL 122 @ 6", FL 125 @ 6", FL 126 @ 6", FL 128 @ 6", FL 129 @ 6", FL 135 @ 6" through FL 141 @ 6", and FL 158 @ 6", which exhibited TPH concentrations ranging from 10.9 mg/kg (FL 128 @ 6") to 6,230 mg/kg (FL 125 @ 6"). Chloride concentrations ranged from 16.0 mg/kg in samples FL 149 @ 6", FL 157 @ 6", and FL 158 @ 6" to 17,200 mg/kg in sample FL 139 @ 6".

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 55 @ 6" through FL 57 @ 6", FL 65 @ 6" through FL 67 @ 6", FL 72 @ 6", FL 73 @ 6", FL 75 @ 6" through FL 77 @ 6", FL 84 @ 6", FL 86 @ 6" through FL 89 @ 6", FL 105 @ 6", FL 110 @ 6" through FL 112 @ 6", FL 114 @ 6", and FL 118 @ 6".

On October 5, 2021, Etech collected 22 confirmation soil samples (FL 55 @ 4' through FL 57 @ 4', FL 65 @ 4' through FL 67 @ 4', FL 72 @ 4', FL 73 @ 4', FL 75 @ 4' through FL 77 @ 4', FL 84 @ 4', FL 86 @ 4' through FL 89 @ 4', FL 105 @ 4', FL 110 @ 5' through FL 112 @ 5', FL 114 @ 5', and FL 118 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Soil sample FL 114 @ 5' was also analyzed for TPH. Laboratory analytical results indicated chloride concentrations were below the applicable NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 128 mg/kg in samples FL 72 @ 4' and FL 87 @ 4' to 560 mg/kg in samples FL 105 @ 4' and FL 111 @ 4'. The TPH concentration in sample FL 114 @ 5' was below the NMOCD Closure Criterion, NMOCD Reclamation Standard, and laboratory MDL.

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 19 @ 6", FL 32 @ 6", and FL 125 @ 6".

On January 24, 2022, Etech collected three (3) confirmation soil samples (FL 19, FL 32, and FL 125) from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Soil sample FL 114 @ 5' was also analyzed for TPH. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 288 mg/kg in sample FL 19 to 384 mg/kg in samples FL 32 and FL 125.

In March 2022, Mewbourne contracted Etech to assume all remediation activities for the release.

On March 9, 2022, Etech commenced excavation activities at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a Hach Quantab ® chloride test kit were utilized to field-screen the vertical and horizontal extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 14 @ 6" through FL 18 @ 6", FL 20 @ 6", FL 27 @ 6" through FL 31 @ 6", FL 39 @ 6" through FL 43 @ 6", FL 45 @ 6", FL 46 @ 6", FL 48 @ 6", FL 50 @ 6", FL 51 @ 6", FL 58 @ 6", FL 59 @ 6", FL 68 @ 6", FL 70 @ 6", FL 93 @ 6", FL 95 @ 6" through FL 97 @ 6", FL 100 @ 6", FL 102 @ 6" through FL 104 @ 6", FL 126 @ 6", and FL 130 @ 6" through FL 133 @ 6".

Etech collected 38 confirmation soil samples (FL 14 @ 3' through FL 18 @ 3', FL 20 @ 3', FL 27 @ 3' through FL 31 @ 3', FL 39 @ 3' through FL 43 @ 3', FL 45 @ 3', FL 46 @ 3', FL 48 @ 3', FL 50 @ 3', FL 51 @ 3', FL 58 @ 3', FL 59 @ 3', FL 68 @ 3', FL 70 @ 3', FL 93b @ 3', FL 95b @ 3' through FL 97b @ 3', FL 100b @ 3', FL 102b @ 3' through FL 104b @ 3', FL 126b @ 3', and FL 130b @ 3' through FL 133b @ 3') from the sidewalls and floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 32.0 mg/kg in sample FL 97b @ 3' to 416 mg/kg in sample FL 96b @ 3'.

On March 10, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples SW5, FL 78 @ 6", FL 80 @ 6", FL 81 @ 6", FL 91 @ 6", FL 92 @ 6", FL 94 @ 6", and FL 134 @ 6" through FL 141 @ 6".

Etech collected 15 confirmation soil samples (SW5c @ 4', FL 78c @ 4', FL 80c @ 4', FL 81d @ 5', FL 91c @ 4', FL 92d @ 5', FL 94d @ 5', and FL 134b @ 3' through FL 141b @ 3') from the sidewalls and floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 32.0 mg/kg in samples FL 134 B @ 3' and FL 140 B @ 3' to 528 mg/kg in samples FL 135 B @ 3' and FL 136 B @ 3'.

On March 14, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NW1, NW2, NW3, FL 1 @ 6" through FL 7 @ 6", FL 9 @ 6", FL 21 @ 6", and FL 22 @ 6".

Etech collected 13 confirmation soil samples (NW1 @ 2', NW2 @ 2', NW3 @ 2', FL 1 @ 2', FL 2 @ 2', FL 3 @ 2', FL 4 @ 2', FL 5 @ 2', FL 6 @ 2', FL 7 @ 2', FL 9 @ 2', FL 21 @ 2', and FL 22 @ 2') from the sidewalls and floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations exceeded the NMOCD Closure Criterion and NMOCD Reclamation Standard in samples FL 4 @ 2', FL 5 @ 2', FL 7 @ 2', and FL 9 @ 2' and ranged from 256 mg/kg in sample NW1 @ 2' to 784 mg/kg in sample FL 7 @ 2'.

On March 18, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NW4, FL 4 @ 2' through FL 7 @ 2', FL 9 @ 2', and FL 11 @ 6" through FL 13 @ 6".

Etech collected nine (9) confirmation soil samples (NW4 A @ 3', FL 4 @ 3' through FL 7 @ 3', FL 9 @ 3', and FL 11 @ 3' through FL 13 @ 3') from the sidewalls and floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 48.0 mg/kg in sample FL 12 @ 3' to 128 mg/kg in sample FL 6 @ 3'.

On March 21, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 26 @ 6" and FL 35 @ 6" through FL 38 @ 6".

Etech collected five (5) confirmation soil samples (FL 26 @ 2' and FL 35 @ 2' through FL 38 @ 2') from the floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 80.0 mg/kg in sample FL 37 @ 2' to 160 mg/kg in sample FL 35 @ 2'.

The final dimensions of the excavated area were approximately 177 to 292 feet in length, 18 to 164 feet in width, and six (6) inches to five (5) feet in depth.

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

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

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was contoured and compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

#### 6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated 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 and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Ruger 31 Battery release site.

#### 7.0 LIMITATIONS

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

#### 8.0 DISTRIBUTION

Mewbourne Oil Company 4801 Business Park Blvd. Hobbs, NM 88240

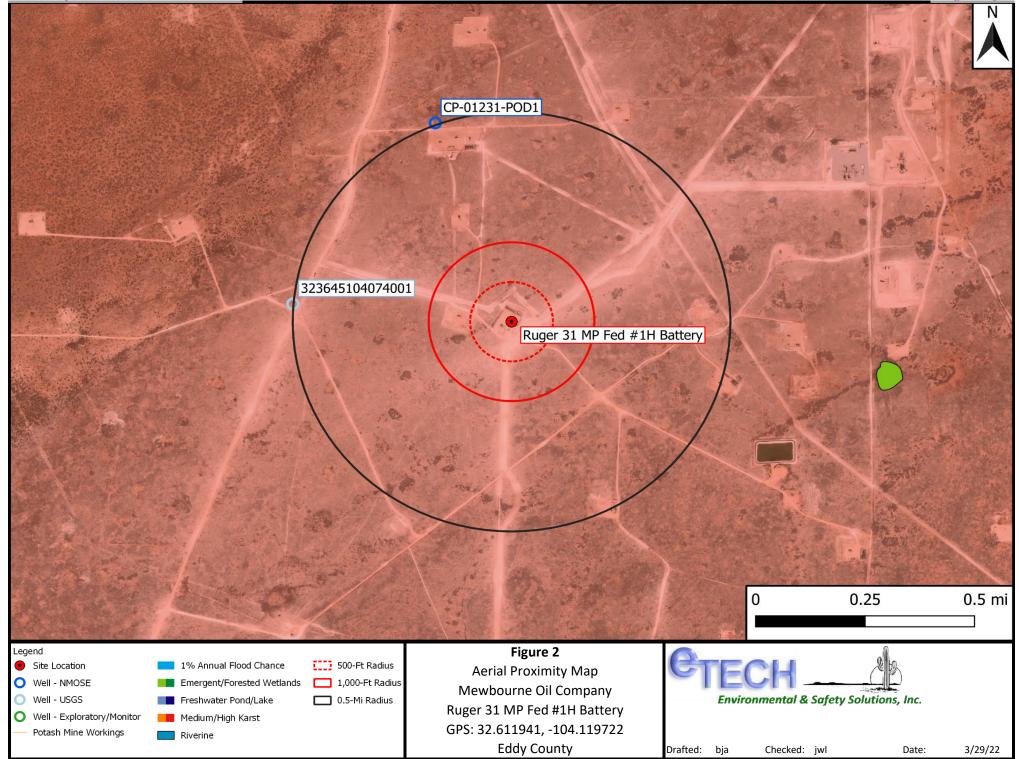
New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

## Figure 1 Topographic Map

## Figure 2 Aerial Proximity Map



# Figure 3 Site & Sample Location Map

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

## Concentrations of BTEX, TPH & Chloride in Soil

#### Mewbourne Oil Company Ruger 31 MP Fed #1H Battery

## NMOCD Ref. #: nAPP2117455077

NMC	OCD Closure C	ritorio			D Ket. #: n		I	I		100	600
	D Reclamation			10	50	-	-	-	-	100	600
TUNIOCI	Reclamation	Standard			6 8021B		SW.	/ 846 8015M l	Ext	100	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 1 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	22.8	22.8	<10.0	22.8	9,330
FL 1 @ 2'	3/14/2022	2	In-Situ	-	-	-	-	-	-	-	368
FL 2 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,860
FL 2 @ 2'	3/14/2022	2	In-Situ	-	-	-					368
FL 3 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL 3 @ 2'	3/14/2022	2	In-Situ	-	-	-	-	-	-	-	352
FL 4 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
FL 4 @ 2'	3/14/2022	2	Excavated	-	-	-	-	-	-	-	752
FL 4 @ 3'	3/18/2022	3	In-Situ	-	-	-	-	-	-	-	112
FL 5 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,860
FL 5 @ 2'	3/14/2022	2	Excavated	-	-	-	-	-	-	-	656
FL 5 @ 3'	3/18/2022	3	In-Situ	- <0.050	-0.200			-20.0		-20.0	112
FL 6 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
FL 6 @ 2' FL 6 @ 3'	3/14/2022	3	Excavated In-Situ	-	-	-	-	-	-	-	528 128
FL 7 @ 6"	3/18/2022 7/20/2021	0.5	Excavated	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 7 @ 0'	3/14/2022	2	Excavated	-0.030	-0.300	-10.0	-10.0	-20.0	-10.0	-30.0	784
FL 7 @ 2'	3/18/2022	3	In-Situ	_	_		_	_	-	_	96.0
FL 8 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 9 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL 9 @ 2'	3/14/2022	2	Excavated	-	-	-	-	-	-	-	656
FL 9 @ 3'	3/18/2022	3	In-Situ	-	-	-	-	-	-	-	96.0
FL 10 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 11 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,000
FL 11 @ 3'	3/18/2022	3	In-Situ	-	-	-	-	-	-	-	112
FL 12 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
FL 12 @ 3'	3/18/2022	3	In-Situ	-	-	-	-	-	-	-	48.0
FL 13 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL 13 @ 3'	3/18/2022	3	In-Situ	-	-	-					112
FL 14 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,000
FL 14 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	48.0
FL 15 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930
FL 15 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	144
FL 16 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	736
FL 16 @ 3'	3/9/2022	3	In-Situ	- <0.050							256
FL 17 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930
FL 17 @ 3'	3/9/2022	3	In-Situ	-0.050	-0.200	- 10.0	- 10.0	- 20.0	-100	- 20.0	64.0
FL 18 @ 6" FL 18 @ 3'	7/20/2021	0.5	Excavated  In City	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,660
FL 18 @ 5" FL 19 @ 6"	3/9/2022 7/20/2021	3	In-Situ Excavated	<0.050				<20.0		- (30.0	48.0
FL 19 @ 6	1/24/2022	0.5	In-Situ		<0.300	<10.0	<10.0		<10.0	<30.0	11,100 288
1 L 17	1/24/2022	3	m-siu	-	-	-	-	-	-	-	200

## Concentrations of BTEX, TPH & Chloride in Soil $\,$

## Mewbourne Oil Company

## Ruger 31 MP Fed #1H Battery

NMOCD Ref. #: nAPP2117455077											
NMO	CD Closure C	riteria		10	50	-	-	-	-	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 <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 20 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL 20 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	160
FL 21 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930
FL 21 @ 2'	3/14/2022	2	In-Situ	-	-	-	-	-	-	-	480
FL 22 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL 22 @ 2'	3/14/2022	2	In-Situ	-	-	-	-	-	-	-	272
FL 23 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 24 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 25 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 26 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 26 @ 2'	3/21/2022	2	In-Situ	-	-	-	-	-	-	-	96.0
FL 27 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,400
FL 27 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	176
FL 28 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL 28 @ 3'	3/9/2022	3	In-Situ	-	-	=	-	=	=	-	64.0
FL 29 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
FL 29 @ 3'	3/9/2022	3	In-Situ	-	-	=	-	=	=	-	96.0
FL 30 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
FL 30 @ 3'	3/9/2022	3	In-Situ	=	-	=	-	=	=	-	112
FL 31 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FL 31 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	80.0
FL 32 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
FL 32	1/24/2022	3	In-Situ	-	-	-	-	-	-	-	384
FL 33 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 34 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 35 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976
FL 35 @ 2'	3/21/2022	2	In-Situ	-	-	-	-	-	-	-	160
FL 36 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	192	192	145	337	768
FL 36 @ 2'	3/21/2022	2	In-Situ	-	-	-	-	-	-	-	112
FL 37 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,000
FL 37 @ 2'	3/21/2022	2	In-Situ	-	-	-	-	-	-	-	80.0
FL 38 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
FL 38 @ 2'	3/21/2022	2	In-Situ	-	-	-	-	-	-	-	112
FL 39 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL 39 @ 3'	3/9/2022	3	In-Situ	_	_	_	_	_	_	-	336
FL 40 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 40 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	112
FL 41 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
FL 41 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	=	=	-	144
FL 42 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,000
FL 42 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	128

## Concentrations of BTEX, TPH & Chloride in Soil $\,$

## Mewbourne Oil Company

### Ruger 31 MP Fed #1H Battery

NMOCD Ref. #: nAPP2117455077											
NMC	OCD Closure C	riteria		10	50	-	-	-	-	100	600
NMOCI	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 <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 43 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,000
FL 43 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	224
FL 44 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 45 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,000
FL 45 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	208
FL 46 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
FL 46 @ 3'	3/9/2022	3	In-Situ	-	-	-		-		-	208
FL 47 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 48 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,440
FL 48 @ 3'	3/9/2022	3	In-Situ	-	-	=	-	=	-	=	352
FL 49 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 50 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	79.6	79.6	20.6	100	3,040
FL 50 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	208
FL 51 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 51 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	144
FL 52 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 53 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 54 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 55 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,660
FL 55 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	320
FL 56 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 56 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	320
FL 57 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL 57 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	336
FL 58 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FL 58 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	208
FL 59 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 59 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	208
FL 60 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 61 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 62 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 63 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 64 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 65 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL 65 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	304
FL 66 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,200
FL 66 @ 4'	10/5/2021	4	In-Situ	_	-	_	-	-	-	-	304
FL 67 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960
FL 67 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	352
FL 68 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	137	137	94.2	231	2,880
FL 68 @ 3'	3/9/2022	3	In-Situ	-	-	_	-	-	-	-	176
	2.7.2022				L		L	L	L	L	

## Concentrations of BTEX, TPH & Chloride in Soil $\,$

## Mewbourne Oil Company

## Ruger 31 MP Fed #1H Battery

NMOCD Ref. #: nAPP2117455077											
NMO	CD Closure C	riteria		10	50	-	-	-	-	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 <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 69 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 70 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 70 @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	288
FL 71 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 72 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 72 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	128
FL 73 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,400
FL 73 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	336
FL 74 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 75 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL 75 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	288
FL 76 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,700
FL 76 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	320
FL 77 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL 77 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	=	-	-	336
FL 78 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	202	202	146	348	4,880
FL 78c @ 4'	3/10/2022	4	In-Situ	-	-	-	-	=	-	-	160
FL 79 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 80 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768
FL 80c @ 4'	3/10/2022	4	In-Situ	-	-	-	-	-	-	-	160
FL 81 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
FL 81d @ 5'	3/10/2022	5	In-Situ	-	-	-	-	-	-	-	288
FL 82 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 83 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 84 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL 84 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	304
FL 85 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 86 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL 86 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	336
FL 87 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
FL 87 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	128
FL 88 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 88 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	448
FL 89 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 89 @ 4'	10/5/2021	4	In-Situ	-	_	-	-	-	-	-	384
FL 90 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 91 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	729	729	193	922	2,400
FL 91c @ 4'	3/10/2022	4	In-Situ	-	-	-	-	-	-	-	432
FL 92 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 92d @ 5'	3/10/2022	5	In-Situ	-	-	-	-	-	-	-	320
FL 93 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120

## Concentrations of BTEX, TPH & Chloride in Soil

## Mewbourne Oil Company

## Ruger 31 MP Fed #1H Battery

NMOCD Ref. #: nAPP2117455077											
NMO	CD Closure C	riteria		10	50	-	-	-	-	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 <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 93b @ 3'	3/9/2022	3	In-Situ	-	-	ı	1	ı	ı	1	48.0
FL 94 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
FL 94d @ 5'	3/10/2022	5	In-Situ	-	-	1	1	ı	ı	1	320
FL 95 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL 95b @ 3'	3/9/2022	3	In-Situ	-	-	ı	1	-	-	1	128
FL 96 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL 96b @ 3'	3/9/2022	3	In-Situ	-	-	ı	ı	ı	ı	ı	416
FL 97 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL 97b @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	32.0
FL 98 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 99@ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 100 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 100b @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	64.0
FL 101 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 102 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
FL 102b @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	64.0
FL 103 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,330
FL 103b @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	64.0
FL 104 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL 104b @ 3'	3/9/2022	3	In-Situ	-	-	-	-	-	-	-	304
FL 105 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,860
FL 105 @ 4'	10/5/2021	4	In-Situ	-	-	-	-	-	-	-	560
FL 106 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 107 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 108 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 109 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 110 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL 110 @ 5'	10/5/2021	5	In-Situ	-	-	-	-	-	-	-	320
FL 111 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
FL 111 @ 5'	10/5/2021	5	In-Situ	-	-	-	-	-	-	-	560
FL 112 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL 112 @ 5'	10/5/2021	5	In-Situ	-	-	-	-	-	-	-	304
FL 113 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 114 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	341	341	114	455	368
FL 114 @ 5'	10/5/2021	5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 115 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	16.9	16.9	<10.0	16.9	160
FL 116 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 117 @ 6"	7/20/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 118 @ 6"	7/20/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 118 @ 5'	10/5/2021	5	In-Situ	-	-	-	-	-	-	-	384
FL 119 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160

## Concentrations of BTEX, TPH & Chloride in Soil

#### Mewbourne Oil Company Ruger 31 MP Fed #1H Battery

#### NMOCD Ref. #: nAPP2117455077

317.50	CD CL C	., .				APP2117	1			40.5	£0.5
	CD Closure C			10	50	-	-	-	-	100	600
NMOCE	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 840	5 8021B		SW	GRO +	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 120 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	16.0	16.0	<10.0	16.0	192
FL 121 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 122 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	26.8	26.8	<10.0	26.8	96.0
FL 123 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 124 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 125 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	4,460	4,460	1,770	6,230	880
FL 125	1/24/2022	4	In-Situ	-	-	-	-	-	-	-	384
FL 126 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	4,110	4,110	1,710	5,820	976
FL 126b @ 3'	3/9/2022	3	In-Situ		- 200	- 10.0					64.0
FL 127 @ 6"	7/22/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 128 @ 6"	7/22/2021	0.5	In-Situ	<0.050	<0.300	<10.0	10.9	10.9	<10.0	10.9	528
FL 129 @ 6" FL 130 @ 6"	7/22/2021	0.5	In-Situ Excavated	<0.050	<0.300	<10.0 <10.0	34.4 <10.0	34.4 <20.0	12.3	46.7 <30.0	496
FL 130 @ 6 FL 130b @ 3'	7/22/2021 3/9/2022	3	In-Situ	<0.030	< 0.300	<10.0	<10.0	<20.0	<10.0	<u>\</u> 30.0	1,250 48.0
FL 131 @ 6"	7/22/2021	0.5	Excavated	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,710
FL 131 @ 0	3/9/2022	3	In-Situ	<0.030	-0.300	-10.0	-10.0	-20.0	-10.0	-30.0	64.0
FL 1310 @ 5	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL 132b @ 3'	3/9/2022	3	In-Situ	-	-0.500	-	-	-	-	-	80.0
FL 133 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,200
FL 133b @ 3'	3/9/2022	3	In-Situ	-	-	_	-	_	-	-	32.0
FL 134 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,800
FL 134b @ 3'	3/10/2022	3	In-Situ	-	-	-	-	-	-	-	32.0
FL 135 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	449	449	155	604	1,330
FL 135b @ 3'	3/10/2022	3	In-Situ	-	-	1	-	-	-	ı	528
FL 136 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	136	136	50.4	186	1,360
FL 136b @ 3'	3/10/2022	3	In-Situ	-	-	-	-	-	-	-	528
FL 137 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	216	216	77.4	293	1,410
FL 137b @ 3'	3/10/2022	3	In-Situ	-	-	-	-	-	-	-	48.0
FL 138 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	210	210	81.4	291	1,960
FL 138b @ 3'	3/10/2022	3	In-Situ	-	-	-	-	-	-	-	64.0
FL 139 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	39.7	39.7	<10.0	39.7	17,200
FL 139b @ 3'	3/10/2022	3	In-Situ	-	-	-	-	-	-	-	80.0
FL 140 @ 6"	7/22/2021	0.5	Excavated	< 0.050	< 0.300	<10.0	33.0	33.0	<10.0	33.0	16,400
FL 140b @ 3'	3/10/2022	3	In-Situ	- <0.050	- 200		- 92.0	- 02.0	10.0	- 04.2	32.0
FL 141 @ 6"	7/22/2021	0.5	Excavated  Les Cites	< 0.050	< 0.300	<10.0	82.0	82.0	12.3	94.3	16,000
FL 141b @ 3'	3/10/2022	3	In-Situ	<0.050	-0.200	-100	- - - -	-20.0	- -100	-20.0	112
FL 142 @ 6"	7/22/2021 7/22/2021	0.5	In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 143 @ 6" FL 144 @ 6"	7/22/2021	0.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	112 80.0
FL 144 @ 6 FL 145 @ 6"	7/22/2021	0.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 145 @ 6"	7/22/2021	0.5	In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
1 L 170 W 0	112212021	0.5	าก-อเน	~0.030	~0.500	\1U.U	\10.U	\ <u></u> \_U.U	\10.U	\JU.U	144

# Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company

## Ruger 31 MP Fed #1H Battery

#### NMOCD Ref. #: nAPP2117455077

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NMOCD Ref. #: nAPP211/4550//											
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NMO	CD Closure C	riteria		10	50	-	-	-	-	100	600
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NMOCI	Reclamation	Standard		10	50	-	-	-	-	100	600
Sample ID   Date   Geot   Status   Benzene (mg/kg)   Geot   Geot (mg/kg)   Geot					SW 840	6 8021B		SW		Ext.		4500 Cl
FL 148 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 149 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 FL 150 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 151 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 151 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 152 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 152 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 44.0 FL 153 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 44.0 FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 44.0 FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 44.0 FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 43.0 43.0 FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 32.0 FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 32.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 32.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 16.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 16.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 16.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 16.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 1.0 Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 1.12 MW1 @ 2' 3/14/2022 0.5 -1.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 1.12 MW2 @ 2' 3/14/2022 0.5 -1.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <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.	Sample ID	Date					$C_6-C_{10}$	C <sub>10</sub> -C <sub>28</sub>	DRO C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub>	C <sub>6</sub> -C <sub>36</sub>	Chloride (mg/kg)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 147 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 150 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0   FL 151 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0   FL 152 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0   FL 153 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0   FL 153 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <40.0   FL 154 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <40.0   FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <40.0   FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <40.0   FL 157 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <40.0   FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0   FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0   FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0   FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <11.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <11.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <11.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <11.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <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	FL 148 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 149 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 150 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 153 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 416 FL 154 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 446 FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 432 FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 157 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ	FL 151 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 154 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <464   FL 155 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <30.0 <432   FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 157 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <30.0 16.0   FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <30.0 16.0   FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 26.1 26.1 <10.0 26.1 16.0   FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 \$10.0 \$10.0 \$20.0 \$10.0 \$30.0 \$1.120   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 \$10.0 \$10.0 \$20.0 \$10.0 \$30.0 \$1.120   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 \$10.0 \$10.0 \$10.0 \$20.0 \$10.0 \$30.0 \$1.120   FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 \$0.300 \$10.0 \$10.0 \$10.0 \$20.0 \$10.0 \$30.0 \$1.120   FL 160 @ 6" 7/22/2021 0.5 In-Situ <	FL 152 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 155 @ 6"         7/22/2021         0.5         In-Situ         <0.050         <0.300         <10.0         <20.0         <10.0         <30.0         432           FL 156 @ 6"         7/22/2021         0.5         In-Situ         <0.050	FL 153 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 156 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 FL 157 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 26.1 26.1 <10.0 26.1 16.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 26.1 26.1 <10.0 26.1 16.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 NW1 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 1.120 NW1 @ 2' 3/14/2022 0.5 - 1.5 In-Situ 256 NW2 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 170 170 170 77.7 248 1,410 NW2 @ 2' 3/14/2022 0.5 - 1.5 In-Situ 336 NW3 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 372 372 164 536 16,20 NW3 @ 2' 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 784 NW4 @ 3' 3/18/2022 0.5 - 2.5 In-Situ	FL 154 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 157 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <30.0 16.0 FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 26.1 26.1 <10.0 26.1 16.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 NW1 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 NW1 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 1,120 NW1 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 256 NW2 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 170 170 170 77.7 248 1,410 NW2 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 336 NW3 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 372 372 164 536 16,20 NW3 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 372 372 164 536 16,20 NW3 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 784 NW4a @ 3" 3/18/2022 0.5 - 2.5 In-Situ	FL 155 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 158 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 26.1 26.1 <10.0 26.1 16.0 FL 159 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 FL 160 @ 6" 7/22/2021 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 32.0 NW1 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 1,120 NW1 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 256 NW2 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 170 170 170 77.7 248 1,410 NW2 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 336 NW3 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 372 372 164 536 16,20 NW3 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 370 <10.0 <10.0 <20.0 <10.0 <30.0 1,120 NW3 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 372 372 164 536 16,20 NW3 @ 2" 3/14/2022 0.5 - 1.5 In-Situ 320 NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 784 NW4a @ 3" 3/18/2022 0.5 - 2.5 In-Situ 96.0	FL 156 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 159 @ 6"         7/22/2021         0.5         In-Situ         <0.050         <0.300         <10.0         <20.0         <10.0         <30.0         48.0           FL 160 @ 6"         7/22/2021         0.5         In-Situ         <0.050	FL 157 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 160 @ 6"         7/22/2021         0.5         In-Situ         <0.050         <0.300         <10.0         <20.0         <10.0         <30.0         32.0           NW1         7/22/2021         0 - 0.5         Excavated         <0.050	FL 158 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	26.1	26.1	<10.0	26.1	16.0
NW1         7/22/2021         0 - 0.5         Excavated         <0.050         <0.300         <10.0         <20.0         <10.0         <30.0         1,120           NW1 @ 2'         3/14/2022         0.5 - 1.5         In-Situ         -         -         -         -         -         -         -         256           NW2         7/22/2021         0 - 0.5         Excavated         <0.050	FL 159 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW1 @ 2'       3/14/2022   0.5 - 1.5   In-Situ       -       -       -       -       -       -       256         NW2       7/22/2021   0 - 0.5   Excavated       <0.050   <0.300   <10.0   170   170   170   77.7   248   1,410	FL 160 @ 6"	7/22/2021	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW2         7/22/2021         0 - 0.5         Excavated         <0.050         <0.300         <10.0         170         170         77.7         248         1,410           NW2 @ 2'         3/14/2022         0.5 - 1.5         In-Situ         -         -         -         -         -         -         -         336           NW3         7/22/2021         0 - 0.5         Excavated         <0.050	NW1	7/22/2021	0 - 0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
NW2 @ 2'	NW1 @ 2'	3/14/2022	0.5 - 1.5	In-Situ	-	-	-	-	-	-	-	256
NW3         7/22/2021         0 - 0.5         Excavated         <0.050         <0.300         <10.0         372         372         164         536         16,20           NW3 @ 2'         3/14/2022         0.5 - 1.5         In-Situ         -         -         -         -         -         320           NW4         7/22/2021         0 - 0.5         Excavated         <0.050	NW2	7/22/2021	0 - 0.5	Excavated	< 0.050	< 0.300	<10.0	170	170	77.7	248	1,410
NW3 @ 2'     3/14/2022   0.5 - 1.5   In-Situ   -     -     -     -     -     -     -     320       NW4     7/22/2021   0 - 0.5   Excavated   <0.050   <0.300   <10.0   <10.0   <20.0   <10.0   <20.0   <10.0   <30.0   <784	NW2 @ 2'	3/14/2022	0.5 - 1.5	In-Situ	-	-	-	-	-	-	-	336
NW4 7/22/2021 0 - 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 784  NW4a @ 3' 3/18/2022 0.5 - 2.5 In-Situ 96.0	NW3	7/22/2021	0 - 0.5	Excavated	< 0.050	< 0.300	<10.0	372	372	164	536	16,200
NW4a @ 3' 3/18/2022 0.5 - 2.5 In-Situ 96.0	NW3 @ 2'	3/14/2022	0.5 - 1.5	In-Situ			-	-	-	-		320
	NW4	7/22/2021	0 - 0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
NW5   7/22/2021 0 - 0.5 In-Situ   <0.050   <0.300   <10.0   <20.0   <10.0   <30.0   <48.0	NW4a @ 3'	3/18/2022	0.5 - 2.5	In-Situ	-	-	-	_	-	-	-	96.0
1777	NW5	7/22/2021	0 - 0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW6 7/22/2021 0 - 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 96.0	NW6	7/22/2021	0 - 0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0

# 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	O	O							Denth	Denth	Water
POD Number	Code basin		64	16	4 S				χ	γ	Distance	Well	Water	Column
CP 01231 POD1	CP							28E	582311	3609372	812		75	225
CP 00926 POD1	CP	LE	2	1	4 (	01 2	205	28E	581793	3607405 🌉	1445	300		

Average Depth to Water: 75 feet

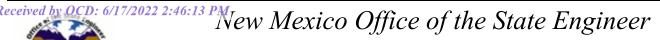
Minimum Depth: 75 feet

Maximum Depth: 75 feet

**Record Count: 2** 

**UTMNAD83** Radius Search (in meters):

**Easting (X):** 582591.36 **Northing (Y):** 3608609.97 **Radius:** 1610



# **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

CP 01231 POD1 19S 28E 582311 3609372 36

**Driller License:** 1654 **Driller Company:** NOT WORKING FOR HIRE--SIRMAN DRILLING

AND CONSTRUC **Driller Name:** 

10/21/2013 **Drill Start Date: Drill Finish Date:** 10/21/2013 **Plug Date:** 

Log File Date: 10/29/2013 **PCW Rcv Date:** Source: Shallow **Pump Type:** Pipe Discharge Size: 80 GPM **Estimated Yield: Casing Size:** 300 feet 8.00 **Depth Well: Depth Water:** 75 feet

Water Bearing Stratifications: **Top Bottom Description** 

> 200 Limestone/Dolomite/Chalk

**Casing Perforations:** Top **Bottom** 

> 220 300

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

POINT OF DIVERSION SUMMARY



## New Mexico Office of the State Engineer

## **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

20CC0 CP 00926 POD1 2 1 4 01 20S 28E

581793 3607405

**Plug Date:** 



Shallow

**Driller License:** 

**Driller Company:** 

**Driller Name:** 

Drill Start Date: Drill Finish Date:

Log File Date: PCW Rcv Date: Source:

Pump Type: Pipe Discharge Size: Estimated Yield:
Casing Size: Depth Well: 300 feet Depth Water:

Meter Number:8505Meter Make:SIEMENSMeter Serial Number:L1254826Meter Multiplier:1.0000Number of Dials:8Meter Type:Diversion

Unit of Measure: Gallons Return Flow Percent:

Usage Multiplier: Reading Frequency: Monthly

#### **Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
01/01/2005	2005	11779500	A	jw	0
04/12/2005	2005	12531800	A	jw	2.309
08/18/2005	2005	13801200	A	jw	3.896
12/31/2016	2016	25746500	A	RPT	0
01/31/2017	2017	27917599	A	RPT	6.663
02/28/2017	2017	30726856	A	RPT	8.621
03/31/2017	2017	32044767	A	RPT	4.045
04/30/2017	2017	34556900	A	RPT	7.709
05/31/2017	2017	37013131	A	RPT	7.538
06/30/2017	2017	39863000	A	RPT	8.746
07/31/2017	2017	41720800	A	RPT	5.701
08/31/2017	2017	43758900	A	RPT	6.255
09/30/2017	2017	46260066	A	RPT	7.676
10/31/2017	2017	49733284	A	RPT	10.659
11/30/2017	2017	52431800	A	RPT	8.281
12/31/2017	2017	54793910	A	RPT	7.249
01/31/2018	2018	55603400	A	RPT	2.484
02/28/2018	2018	57265300	A	RPT	5.100
03/31/2018	2018	57694446	A	RPT	1.317
05/31/2018	2018	64079600	A	RPT	19.595
10/01/2018	2018	0	A	RPT	0
10/31/2018	2018	12742551	A	RPT	39.105
11/30/2018	2018	13355352	A	RPT	1.881
03/31/2019	2019	17694170	A	RPT	13.315
04/30/2019	2019	19130315	A	RPT	4.407

05/31/2019	2019	22163027	A	RPT	9.30
06/30/2019	2019	25284568	A	RPT	9.58
09/30/2019	2019	35517523	A	RPT	31.40
10/31/2019	2019	35821649	A	RPT	0.93
02/29/2020	2020	43175955	A	RPT	22.57
04/30/2020	2020	46372886	A	RPT	9.83
05/04/2020	2020	46372886	A	RPT	
05/04/2020	2020	0	A	RPT	
05/31/2020	2020	2434800	A	RPT	7.47
08/31/2020	2020	4161600	A	RPT	5.29
09/30/2020	2020	5056000	A	RPT	2.74
10/31/2020	2020	5056000	A	WEB	
11/30/2020	2020	5938750	A	WEB	2.70
12/31/2020	2020	8109705	A	WEB	6.66
01/31/2021	2021	10956400	A	RPT	8.73
02/28/2021	2021	12471600	A	RPT	4.65
04/30/2021	2021	16603200	A	ad	12.67
05/31/2021	2021	16603200	A	ad	
**YTD Met	ter Amounts:	Year		Amount	
		2005		6.205	
		2016		0	
		2017		89.143	
		2018		69.482	
		2019		68.946	
		2020		57.268	
		2021		26.065	

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

POINT OF DIVERSION SUMMARY

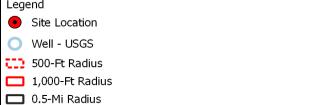


Figure 5
USGS Well Proximity Map
Mewbourne Oil Company
Ruger 31 MP Fed #1H Battery
GPS: 32.611941, -104.119722
Eddy County



Checked: jwl

Date:

3/29/22

Drafted: bja



0 0

#### 19S.28E.36.43233

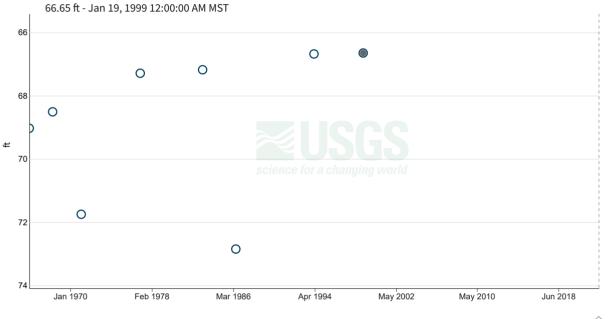


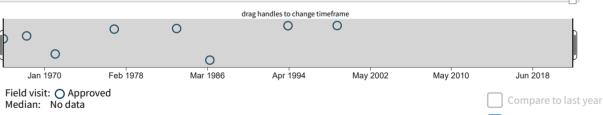
Monitoring location 323645104074001 is associated with a WELL in EDDY COUNTY, NEW MEXICO. Water data back to 1965 are available online.

1 year 10 years Period of record

Change time span Retrieve data

## Depth to water level, ft below land surface •





✓ Display median

IMPORTANT Data may be provisional - <u>learn more</u>

#### **Select Data to Graph**

Depth to water level, ft below land surface	1965-12-07 to 1999-01-19
Groundwater level above NAVD 1988, ft	1965-12-07 to 1999-01-19
Groundwater level above NGVD 1929, feet	1965-12-07 to 1999-01-19

Hydrograph data table(s)

Field visit data

**Questions or Comments** 

Parameter	Time	Result	Accuracy	Approval	Qualifiers
Depth to water level, ft below land surface	1965-12-07	69.03	0.01	Approved	Static
Depth to water level, ft below land surface	1968-04-02	68.51	0.01	Approved	Static
Depth to water level, ft below land surface	1971-02-01	71.75	0.01	Approved	Static
Depth to water level, ft below land surface	1976-12-09	67.29	0.01	Approved	Static
Depth to water level, ft below land surface	1983-02-16	67.18	0.01	Approved	Static
Depth to water level, ft below land surface	1986-06-03	72.85	0.01	Approved	Static
Depth to water level, ft below land surface	1994-03-04	66.68	0.01	Approved	Static
Depth to water level, ft below land surface	1999-01-19	66.65	0.01	Approved	Static

1

#### **★** Retrieve data



#### About the Network-Linked Data Index (NLDI)

Affiliated Networks BETA	+
Summary of All Available Data	_

USGS Parameter Group	Data Types	Start Date	End Date	
Physical	Groundwater Levels	1965-12-07	1999-01-19	

#### Water Data for the Nation inventory

Location Metadata +

DOI Privacy Policy | Legal | Accessibility | Site Map | Contact USGS Follow (Contact USGS) Follow (Contact USG

# Appendix B Field Data & Soil Profile Logs



Project:

Ruger MP 31

Project Number:

14502 Latitude: 32.6121

Longitude:

Date:

-104.12175

Sample ID	PID/Odor	Chloride Conc.	GPS
5/0/5		10 >257Z	
F17		5.2 996	
1 18		4.0 620	
[9		3.4 468 V	
20		5.2 996	
27		6.0 1332	
28		4.8 856	
20 27 28 29 29		6.0 1332 4.8 856 7.2 2044	
30		5.4 1072	
31		4.8 856	
32 39		3,8 568 L	
39		190 > 2572	I Now Bothle
40		9.8 856	
		4.0 620	
42		4.4 732	
43		5.4 1072	
45		5.4 1072	
48 58		5.4 1072	
ŠP		9.2 > 2577	
59		8.8 7 7577	
69 70		5.9 1072	
70		9.9 > 2577	
78 80 81		5.8 1240	
80		5.4 1072	
9/		9,4 >2572	
٩١		5.0 924	
92		6.4 1532	
93		7,8 2572	
94		7.2 2044	
95		4.4 732	
96		6.4 1532	
97		10 7 2572	
100		7.8 2572 4.6 792 8.2 52572	
102	ļ	4.6 792	
(03			
104		5.6 1/52	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

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

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

**GPS Sample Points, Center of Comp Areas** 

5idewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-5itu



Date:	

Proj	ect.	Ruger	MΡ	21
PIO	ect.	nuger	IVIP	21

Project Number: 14502 Latitude: 32.6121 Longitude: -104.12175

Sample ID	PID/Odor	Chloride Conc.	GPS
F125		3.2 424	
F125 126		7.2 2044	
130		72 2044	
1 3)		6.0  332 6.2  428	
132		6.2 1428	
132		4.0 620	
139		Y.2 C72	
134		4.0 620 4.2 672 6.4 1532	
/ 34		6.4 1532	
137		5.8 1240	
138		4.2 672	
139		41 792	
140		$\frac{7.8}{10}$ $\frac{2572}{72572}$	
141		10 72572	
-			

Sample Point = SP #1 @ ## etc

Floor = FL#1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 2222	7	440	
NW1 22		316	
WW2 02		352	
INW3 00 2		396	
WINA/DODO	Z Z		
FLID 2	(	1584	
FL12021		900	
FL 13 & 2'		1292	
FL 11 00 31		396	
FL 120 3'		316	
PL 13031		188	
FL 35002'	-4	440	
FL 3602'	•	189	
FL 37 22'	•	396	
FL 38 a) 2'		352	
FL 4@3'	•	352	
FL 5@3'		440	
L 6 @ 3'		36	
FL 7 @31		318	
L 9 @3'	1. •	396	
NW4a 22'		440	
12602'		440	
Sample Point = SP #1 @ ## e	tc	Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Area
			•





		Date	
Project:			
Project Number:	Latitude:	Longitude:	

FL 92 d 25' n/a  FL 14 D 3' N/a  FL 15 D 3' N/a  FL 16 D 3' N/a  FL 17 D 3' N/a  FL 18 D 3' N/a  FL 20 D 3' N/a  FL 31 D 3' N/a  FL 40 D 3' N/a  FL 41 D 3' N/a  FL 43 D 3' N/a	396	
FL 94 d 25' n/a  FL 14 0 3' N/a  FL 15 0 3' N/a  FL 16 0 3' N/a  FL 17 0 3' N/a  FL 18 0 3' N/a  FL 20 0 3' N/a  FL 31 0 3' N/a  FL 40 0 3' N/a	2120 188 352 2120 116 160 216 136 188 160 358 160 358 160 2120	
FL 14 D 3' N/a  FL 15 D 3' N/a  FL 16 D 3' N/a  FL 17 D 3' N/a  FL 18 D 3' N/a  FL 20 D 3' N/a  FL 40 D 3' N/a	188 352 2120 116 160 160 160 136 136 138 160 358 160 356 160 2120	
FL 16 23' N/a FL 17 23' N/a FL 18 23' N/a FL 20 23' N/a FL 27 23' N/a FL 28 23' N/a FL 29 23' N/a FL 29 23' N/a FL 31 23' N/a FL 31 23' N/a FL 31 23' N/a FL 40 23' N/a	352 2120 116 160 216 136 138 160 358 160 358 160 2120	
FL 17 0 3' N/a FL 18 0 3' N/a FL 20 0 3' N/a FL 28 0 3' N/a FL 29 0 3' N/a FL 29 0 3' N/a FL 31 0 3' N/a FL 31 0 3' N/a FL 40 0 3' N/a	2120 116 160 216 136 188 160 358 160 356 160 2120	
FL 17 0 3' N/a FL 18 0 3' N/a FL 20 0 3' N/a FL 28 0 3' N/a FL 29 0 3' N/a FL 29 0 3' N/a FL 31 0 3' N/a FL 31 0 3' N/a FL 40 0 3' N/a	116 160 160 216 136 188 160 358 160 356 160 2120	
FL 18 23' N/9 FL 20 23' N/9 FL 27 23' N/9 FL 28 23' N/9 FL 29 23' N/9 FL 30 23' N/9 FL 31 23' N/9 FL 31 23' N/9 FL 40 23' N/9 FL 40 23' N/9 FL 41 23' N/9 FL 42 23' N/9	160 216 136 136 188 160 358 160 356 160 2120	
FL 27 2 3' N/a FL 28 0 3' N/a FL 29 2 3' N/a FL 30 2 3' N/a FL 31 2 3' N/a FL 40 2 3' N/a FL 40 2 3' N/a FL 41 2 3' N/a FL 42 2 3' N/a FL 43 2 3' N/a	160 216 136 136 188 160 358 160 356 160 2120	
FL 27 2 3' N/a FL 28 0 3' N/a FL 29 2 3' N/a FL 30 2 3' N/a FL 31 2 3' N/a FL 40 2 3' N/a FL 40 2 3' N/a FL 41 2 3' N/a FL 42 2 3' N/a FL 43 2 3' N/a	160 216 136 188 160 358 160 2120	
FL 29 2 3' N/9 FL 29 2 3' N/9 FL 30 2 3' N/9 FL 31 2 3' N/9 FL 40 2 3' N/9 FL 40 2 3' N/9 FL 41 2 3' N/9 FL 42 2 3' N/9 FL 43 2 3' N/9	136 188 160 358 160 356 160 2120	
FL 29 2 3' n/q FL 30 2 3' N/a FL 31 2 3' N/a FL 40 2 3' N/a FL 41 2 3' N/a FL 42 2 3' N/a FL 43 2 3' N/a	136 188 160 358 160 356 160 2120	
FL 30 0 3' N/a FL 31 0 3' N/a FL 40 0 3' N/a FL 41 0 3' N/a FL 42 0 3' N/a FL 43 0 3' N/a	160 358 160 356 160 2120	
FL 31 & 3' N/ 9 FL 40 & 3' N/ 9 FL 41 & 3' N/ 9 FL 42 & 3' N/ 9 FL 43 & 3' N/ 9	160 358 160 356 160 2120	
FL 40 0 3' N/G FL 41 0 3' N/G FL 42 2 3' N/G FL 43 0 3' N/G	358 160 356 160 2120	
FL42 2 3' N/a FL43 2 3' N/a	160 356 160 2120	
FL42 2 3' N/a FL43 2 3' N/a	356 160 2120	
FL 43 & 3' 14/00	160	
FL 49 a 3' n/a	2120	
FL45 @ 3' 11/9		
FL 46 2 3' N/a	316	
FL48 @ 3" n/a	216	
FL 50 0 3 n/a	352	
FL 31 @ 3   n/a	244	
FL58 2 3   n/a	188	
FL 59 2 3 N/a	280	
FL 68 2 3 NIA	216	
3/	160	
FL100 1 N/a	1 1 0	
F1 2 2 3'	408	
51.3.2261	302	
E-1 1 2 2'	316	
F1 5 0 21	353	
El (a) 7'	4-10	
F1 7 0 21	206	
ART 20 FL 90 21	4-90	
	253	
FU 21 00 Z	1 254	Provide AD III AND III
Sample Point = SP #1 @ ## etc	Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc	Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc	Soil Intended to be Deferred = SP #1 @ 4' li	In-Situ GPS Sample Points, Center of Comp Are
•		



|--|

Project: Ruger MP 31

 Project Number:
 14502
 Latitude:
 32.6121
 Longitude:
 -104.12175

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 786 23'	n/a	7 2500 7 2500 7 2500	
FL 78 b 23' FL 80 b 23'	n/a	7 2500	
FL 826 23'	nla	72500	
FL 91 b 03'	N/a	900	
FL 926 23'	10/0	900	
FL 93 b 23'	17/a	244	
F1 946 23'	nla	1292	
FI 9.56 23' FL 966 23'	n/a	188	
FL 96 b 2 31	Ma	440	
FL 976 23'	nla	188	
PL 1001 203'	nla	280	
FL 1026 23'	nla	188	
1 FL 103 h @ 3	nla	188 .	
FL 1046 203'	n/a	352 .	
FL 1266 23'	n/a	116 ,	
FL 130603'	n/a	160 .	
1 1-132603'	n/a	188 4	
FL 132623' FL 133623'	n/a	136	
FL 133603'	n/a	L120 352	
FL 78 c 0 4'	nla	352	
FL 80 c 04'	n/a	280	
FL 81 c 24'	n/a	592	
FL 91 c 24' FL 92 c 24'	na	BALS 352.	
FL 92 c 24'	nla	592	
FL 94 c 24'	n/a	592.	
SWS 6 23'	nla	7 2500	,
FL 134 6 03'	n/a	L120	
FL 135 6 003'	n/a	488	
FL 1366 03'	1/0	400	
FL 137 6 0 3'	Wa	<u> </u>	
FL 138 b 23'	n/a	<u> </u>	
FL 139 603' FL 140 603' FL 141 603'	n/a	2120	
FL 140 6231	nla	136	
FL 141 ba 3'	nla	188	
FL 139 603' FL 140 603' FL 141 603' SWSC 04' FL 81 d 05'	nha	187	
FL81 d 2 5'	n/a	352 .	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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



# Soil Profile

Livitouriental & Sujety Sciences, its.				Date:		
Project: Ruger MP 31 Project Number:	14502	Latitude:	32.6121	Longitude:	-104.12175	-
Depth (ft. bgs)	Cal	icle, rock	De	escription		
<sup>2</sup> <sup>3</sup> 2-4 <sup>7</sup>	Cal	liche, rock liche, San				TOUR WITH A PROMISE
5 6 4-61	Sa			alara den emperjuma kankuma Africa vuoninini viitu varitiiti konsuma viitus yn menessen emeranaa uun van kemerijäm vuoninin ja viity van masti kiriliin jät ei kiriliin vuonin van eli kiriliin valikaja, kuntuu van van kemerijäm vuoninin ja viity van masti kiriliin van van kemerijäm van eli kiriliin valikaja, kuntuu van		
7 8 9	tapendron (per vertice or met plan who professor)  average vertice or met all met professor (met plan vertice) or met plan vertice (met plan vertice) or met plan vertice (met plan vertice) or met plan vertice) or met plan vertice (met plan vertice) or met plan vertice) or met plan vertice (met plan vertice) or met plan vertice) or met plan vertice (met plan vertice) or met plan vertice) or met plan vertice (met plan vertice) or met plan vertice)					Roygen-tolenský minamistro-skyliciany
10				en fellen kansan en		ante produceros
12 13 14	C. state of the st		mennand handdrollorodd o wign agan ar o'i cho'r gllanos din midg geella gaal gaal b ang adwise caird geryd graf bywra d gaell dawl dael o'i rhaad gerymolynau naes sa ar gallidiol	н от оби общинация на причинация на причинация причинация оби оби установа оби оби установа оби оби установа оби	t et ministrativa kaj em samata da glimaga area un primaglio indirezio di una casa Ase un arredo.	pit, minipaliforeph
15 16				api dan den dan dan dan dan dan dan dan dan dan da	en er en	
17 18 19	Managaman kang an Angunang mangunang kanada dalah Mangunangkan di pununtuk alikum kang balan sebadi Mangunangkan di pununtuk alikum kang balan sebadi	yddig gafug ywli ogg o glanta nhag asgfraig y ETHEFFING LLAF (gallari (a Arlych Ara a Granifensia). Gallari (a Ara a Granifensia)	entenden om entendersterstersterstersterstersterstersterst	Stigen (description), and the stigen (description) and the stigen (description) and the plate date (description) to present the stigen (description) and the stig		rigology taxonomous
20 21 22	yunt requestionally also manifests					Service of self-sepe
23	de constitution de la constitution de constitu	kadidak dan perjamban dan dan dan dan dan perjamban 1946 nahun dan dan dan dan dan dan dan dan dan da	agus ann mar Lamada na daoine an agus gu ann an Air Chainn ann ann ann ann ann ann ann ann ann	erschliefe der der verscheite der verscheite der verschließe der verschließe der der verschließe der verschlie	one am refer neurosane remembrais, monente que emitira para en presenta en presenta en presenta en presenta de Ser apunto del Aria Opera como monente del propo en un apresenta en sensa en indica de en un como como en enconcepto.	Messistaphyvone
25 26 27			anskilation figedis dissuur suuraanskilangibaluusta vasta eesta tuura suuraa siiva siiva siiva siiva sii angasta valta valta valta valta kasta tuuraanskuu siiva	op bestel province den den menerale en et puer et tol ple dan de unique a person de seu person.		whola distantantes
28		engleren gelieren betreut in der eine Anderson der eine State der eine Geschliche State der Anderson besteht i Der gelieren geschliche der geschliche Gesc			ke es el es el L'acceptation de l'acceptation de l'acceptation de l'acceptation de l'acceptation de l'acceptation de l'accept L'acceptation de l'acceptation de l'acceptation de l'acceptation de l'acceptation de l'acceptation de l'accept	pairpad operpenses
30 31 32						36 PM
33 34 35	September 1995 - Anna Santon S		yanta seksa dagai makalapat salapa, apap atau masa masa kalapa masayan seman Makana salabasa jira dagai sajar masa salaban jana masa sajar mana sajar mahingan bawar mana	anni kanninga anakaga kalaja di kanninga kanninga kanninga kanninga kanninga kanninga kanninga kanninga kannin Manga kanninga kanni		200 Augustation (200 )
36 37						00/25/2002 2:40:36 PM
38 39 40					et naviga problem problem se en en egen de transfer en et en	Merchanderson (2)
boursecount	Mayorage eth all may from militaring			elemente grape en l'illi de la competit qu'un espera a chaird desidente en propose agressement en en	kan mendurum di Mangkan negyang mendipundig di Malau-an negulah di Malau-ang pengun	Released to Imaging:
						Relea

Received by OCD: 6/17/2022 2:46:13 PM

# Appendix C Photographic Log

**Photo Number:** 

1

**Photo Direction:** North-Northwest

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

**Photo Direction:** 

Northwest

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

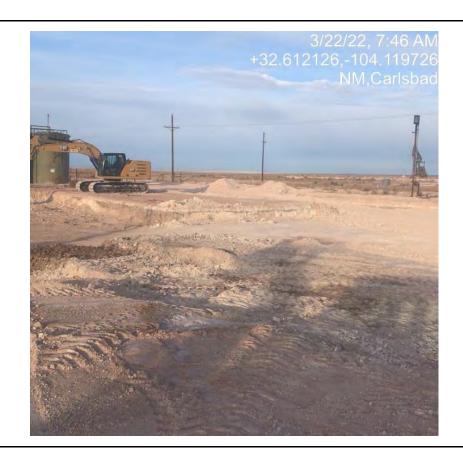
3

**Photo Direction:** 

West

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

4

**Photo Direction:** 

Southwest

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

5

**Photo Direction:** 

Southeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

6

**Photo Direction:** 

East-Southeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

7

Photo Direction:

Northwest

**Photo Description:** 

View of the remediated area after backfilling and regrading.



**Photo Number:** 

8

**Photo Direction:** 

Northeast

**Photo Description:** 

View of the remediated area after backfilling and regrading.



**Photo Number:** 

9

Photo Direction: West

**Photo Description:** 

View of the remediated area after backfilling and regrading.



**Photo Number:** 

10

**Photo Direction:** North-Northeast

**Photo Description:** 

View of the remediated area after backfilling and regrading.



# Appendix D Laboratory Analytical Reports



July 26, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RUGER 31 MP FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 07/22/21 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 1 @ 6" (H211931-01)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	9330	16.0	07/23/2021	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	07/23/2021	ND	191	95.6	200	10.8	
DRO >C10-C28*	22.8	10.0	07/23/2021	ND	180	90.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	78.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.6	% 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



#### Analytical Results For:

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

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 2 @ 6" (H211931-02)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	07/23/2021	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	07/23/2021	ND	191	95.6	200	10.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	180	90.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.2	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 3 @ 6" (H211931-03)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	07/23/2021	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	07/23/2021	ND	191	95.6	200	10.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	180	90.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	70.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.9	% 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. Keene



#### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 4 @ 6" (H211931-04)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	120 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	135 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 5 @ 6" (H211931-05)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	115 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



#### Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 6 @ 6" (H211931-06)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	99.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	112 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:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 7 @ 6" (H211931-07)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	90.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.0	% 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 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021 Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 8 @ 6" (H211931-08)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 9 @ 6" (H211931-09)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	< 0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	83.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.5	% 38.9-14	22						

### 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 10 @ 6" (H211931-10)

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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	84.0	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 11 @ 6" (H211931-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	92.3	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 12 @ 6" (H211931-12)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/25/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.9	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 13 @ 6" (H211931-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.9	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 14 @ 6" (H211931-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	95.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	109 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 15 @ 6" (H211931-15)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	90.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 16 @ 6" (H211931-16)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.8	% 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. Keene



#### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 17 @ 6" (H211931-17)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	101	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 18 @ 6" (H211931-18)

BTEX 8021B

DIEX GOZID	iiig/	- 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	07/23/2021	ND	1.95	97.7	2.00	3.21	
Toluene*	<0.050	0.050	07/23/2021	ND	2.09	105	2.00	3.37	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.04	102	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.12	102	6.00	3.29	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	07/23/2021	ND	400	100	400	3.92	QM-07
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.3	% 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



#### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 19 @ 6" (H211931-19)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	91.1	% 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. Keene



#### Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 20 @ 6" (H211931-20)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.4	% 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



#### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 21 @ 6" (H211931-21)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	106	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 22 @ 6" (H211931-22)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	07/23/2021	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	07/23/2021	ND	168	84.1	200	9.88	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	90.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	101 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 P.O. Box 301 Lovington NM, 88260

Analyzed By: ms

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Cool & Intact

Sampling Condition: Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 23 @ 6" (H211931-23)

BTEX 8021B

Analyte         Result Reporting Limit         Analyzed Panalyzed         Method Blank Panalyzed         BS Panalyzed Panalyzed         True Value QC Panalyzed         RPD           Benzene*         <0.050         0.050         0.7/23/2021         ND 1.89         94.4         2.00         0.610           Toluene*         <0.050         0.050         0.7/23/2021         ND 1.96         98.1         2.00         0.498           Ethylbenzene*         <0.050         0.050         0.7/23/2021         ND 1.95         97.3         2.00         1.54           Total Xylenes*         <0.150         0.150         0.7/23/2021         ND 6.03         100         6.00         2.03           Surrogate: 4-Bromofluorobenzene (PID 93.9 % 69.9-140         Analyzed by: AC         Yer Analyzed By: AC           Chloride, SM4500Cl-B         mg/s         Analyzed By: AC           Chloride, SM4500Cl-B         Result Reporting Limit Analyzed By: AC         Nethod Blank Bs Wetcode Blank Bs Wet	BIEX 8021B	ilig	, kg	Allalyze	u by. IIIS					
Toluene*         <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050 0.050 07/23/2021 ND 1.95 97.3 2.00 1.54  Total Xylenes* < 0.150 0.150 07/23/2021 ND 6.03 100 6.00 2.03  Total BTEX < 0.300 0.300 07/23/2021 ND  Surrogate: 4-Bromofluorobenzene (PID 93.9 % 69.9-140  Chloride, SM4500Cl-B mg/s Analyzed By: AC  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride 448 16.0 07/23/2021 ND 400 100 400 3.92  TPH 8015M mg/s Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* < 10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  DRO > C10-C28* < 10.0 10.0 07/23/2021 ND 166 82.8 200 17.6  EXT DRO > C28-C36 < 10.0 10.0 07/23/2021 ND  Surrogate: 1-Chlorooctane 84.4 % 44.3-133	Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Total Xylenes* <0.150 0.150 07/23/2021 ND 6.03 100 6.00 2.03  Total BTEX <0.300 0.300 07/23/2021 ND  Surrogate: 4-Bromofluorobenzene (PID 93.9 % 69.9-140  Chloride, SM4500Cl-B mg/ky Analyzed By: AC  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride 448 16.0 07/23/2021 ND 400 100 400 3.92  TPH 8015M mg/ky Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  DRO >C10-C28* <10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  EXT DRO >C28-C36 <10.0 10.0 07/23/2021 ND 166 82.8 200 17.6  EXT DRO >C28-C36 <10.0 10.0 07/23/2021 ND 166 82.8 200 17.6	Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Total BTEX         <0.300         0.300         07/23/2021         ND           Surrogate: 4-Bromofluorobenzene (PID         93.9 % 69.9-140           Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         448         16.0         07/23/2021         ND         400         100         400         3.92           TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0         07/23/2021         ND         168         84.1         200         9.88           DRO >C10-C28*         <10.0         10.0         07/23/2021         ND         166         82.8         200         17.6           EXT DRO >C28-C36         <10.0         10.0         07/23/2021         ND         166         82.8         200         17.6           EXT DRO >C28-C36         <10.0         <10.0	Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Surrogate: 4-Bromofluorobenzene (PID         93.9 % 69.9-140           Chloride, SM4500Cl-B         mg/ky         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         448         16.0         07/23/2021         ND         400         100         400         3.92           TPH 8015M         mg/ky         Analyzed By: MS         Wethod Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         10.0         07/23/2021         ND         168         84.1         200         9.88           DRO >C10-C28*         10.0         07/23/2021         ND         166         82.8         200         17.6           EXT DRO >C28-C36	Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Chloride, SM4500Cl-B         mg/kg         Analyzed Method Blank BS         % Recovery Method Blank BS<	Total BTEX	<0.300	0.300	07/23/2021	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride 448 16.0 07/23/2021 ND 400 100 400 3.92  TPH 8015M mg/kg Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* < 10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  DRO >C10-C28* < 10.0 10.0 07/23/2021 ND 166 82.8 200 17.6  EXT DRO >C28-C36 < 10.0 10.0 07/23/2021 ND  Surrogate: 1-Chlorooctane 84.4 % 44.3-133	Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride         448         16.0         07/23/2021         ND         400         100         400         3.92           TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD           GRO C6-C10*         <10.0	Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  DRO >C10-C28* <10.0 10.0 07/23/2021 ND 166 82.8 200 17.6  EXT DRO >C28-C36 <10.0 10.0 07/23/2021 ND  Surrogate: 1-Chlorooctane 84.4 % 44.3-133	Chloride	448	16.0	07/23/2021	ND	400	100	400	3.92	
GRO C6-C10* <10.0 10.0 07/23/2021 ND 168 84.1 200 9.88  DRO >C10-C28* <10.0 10.0 07/23/2021 ND 166 82.8 200 17.6  EXT DRO >C28-C36 <10.0 10.0 07/23/2021 ND  Surrogate: 1-Chlorooctane 84.4% 44.3-133	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 07/23/2021 ND  Surrogate: 1-Chlorooctane 84.4 % 44.3-133	GRO C6-C10*	<10.0	10.0	07/23/2021	ND	168	84.1	200	9.88	
Surrogate: 1-Chlorooctane 84.4 % 44.3-133	DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	166	82.8	200	17.6	
	EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142	Surrogate: 1-Chlorooctane	84.4	% 44.3-13	3						
	Surrogate: 1-Chlorooctadecane	95.4	% 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



## Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 24 @ 6" (H211931-24)

BTEX 8021B	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	67.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	60.6	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 25 @ 6" (H211931-25)

BTEX 8021B

BIEX 8021B	ilig/	ky	Allalyze	u by. IIIS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	544	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.8	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 26 @ 6" (H211931-26)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	74.9	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 27 @ 6" (H211931-27)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 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	9400	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.8	% 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 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 28 @ 6" (H211931-28)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	11000	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	73.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.6	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 29 @ 6" (H211931-29)

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	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 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	6660	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	70.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.8	% 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. Keene



## Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 30 @ 6" (H211931-30)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	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	9600	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	61.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	53.6	% 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. Keine



## Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 31 @ 6" (H211931-31)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	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	4320	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	73.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.1	% 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 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

Analyzed By: ms

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 32 @ 6" (H211931-32)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 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	6660	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	71.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.2	% 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.

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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 33 @ 6" (H211931-33)

BTEX 8021B

DIEX GOZID	11197	ng .	Allulyzo	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 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	96.0	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	72.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.8	% 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 related 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 34 @ 6" (H211931-34)

BTEX 8021B

	9,	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 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	432	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.6	% 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. Keine



## Analytical Results For:

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

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 35 @ 6" (H211931-35)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 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	976	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	72.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.4	% 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021 Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 36 @ 6" (H211931-36)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	192	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	145	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	78.1	% 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. Keene



## Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 37 @ 6" (H211931-37)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 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	18000	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	70.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.8	% 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.

Celey & Kreene



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 38 @ 6" (H211931-38)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.89	94.4	2.00	0.610	
Toluene*	<0.050	0.050	07/23/2021	ND	1.96	98.1	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.95	97.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.03	100	6.00	2.03	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 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	10400	16.0	07/23/2021	ND	416	104	400	3.77	QM-07
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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	72.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.6	% 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



# Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 39 @ 6" (H211931-39)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.7	% 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. Keene



## Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 40 @ 6" (H211931-40)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.2	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 41 @ 6" (H211931-41)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	73.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.9	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 42 @ 6" (H211931-42)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	72.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.6	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 43 @ 6" (H211931-43)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	07/23/2021	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	07/23/2021	ND	190	94.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	191	95.7	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.5	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 44 @ 6" (H211931-44)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	106	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.7	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 45 @ 6" (H211931-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	89.9	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 46 @ 6" (H211931-46)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	07/23/2021	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	90.0	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 47 @ 6" (H211931-47)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	07/23/2021	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.5	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 48 @ 6" (H211931-48)

BTEX 8021B

DILX GOZID	11197	, 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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	3440	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.8	% 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 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 49 @ 6" (H211931-49)

BTEX 8021B

	9/	·-9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	48.0	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	96.1	% 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 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 50 @ 6" (H211931-50)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	07/23/2021	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	79.6	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	20.6	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.3	% 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 P.O. Box 301

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 51 @ 6" (H211931-51)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	07/23/2021	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.1	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 52 @ 6" (H211931-52)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	160	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.7	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 53 @ 6" (H211931-53)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.6	% 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.

Celeg D. Keene



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 54 @ 6" (H211931-54)

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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	48.0	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	116	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 55 @ 6" (H211931-55)

BTEX 8021B

DILX OUZID	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	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	8660	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	104	% 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 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 56 @ 6" (H211931-56)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	111	% 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. Keine



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 57 @ 6" (H211931-57)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/23/2021	ND	416	104	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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.0	% 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. Keine



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 58 @ 6" (H211931-58)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.93	96.3	2.00	2.11	
Toluene*	<0.050	0.050	07/23/2021	ND	2.03	102	2.00	6.48	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.96	98.0	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.83	97.1	6.00	7.71	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/23/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-13	23						
Surrogate: 1-Chlorooctadecane	83.3	% 38.9-14	12						

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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 59 @ 6" (H211931-59)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/23/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.8	% 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. Keene



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/26/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 60 @ 6" (H211931-60)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/23/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.5	% 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



### **Notes and Definitions**

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

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

ecovery.

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.

aleg to treene

Received by OCD: 6/17/2022 2:46:13 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

lof 180

Company Name: Frech Environ Mentul							T		B	ILL	TO					AN	ALYS	SIS R	EQU	EST		
Project Manager: Soci Lawry	Manager: Soci Lowry  1: 360 Plains Hwy						P.	0. #														
Address: 300 Plains Hwy							Co	mpa	any:	ETE	ech											
city: Louing for State: NN	Zi	p: 7	182	40			At	tn:								-	-	+	-	+		
Phone #: 475-346-2378 Fax #:							Ad	dre	ss:											1		
ject #: 14336 Project Owner: Menbourne							City:															
Project Name: Ruger 31 MP Fed 14							St	ate:		Zi	p:											
Project Location: Pural Eddy Co, NM							Ph	one	#:													
Project Location: Pural Eddy Co. Nm Sampler Name: Minwel Ramirez							Fa	x #:														
FOR LAB USE ONLY	Τ.	Т		N	MATE	SIX	ī	PRE	SER	V.	SAMP	LING	1									
Lab I.D. Sample I.D.  H211931  / Flie 6"  2 *L 2 @ 6"	(G)RAB OR (C)OME	- + CONTAINERS	GROUNDWATER	WASTEWATER	X SOIL	SLUDGE	OTHER:	ACID/BASE:	V ICE / COOL	7	DATE 1/26/21	TIME	- Chlorides	-X BTEX	TPH							
2 + L 2 @ 6" 3	7	7			K				*				*		1							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy is analysis. All claims including those for negligence and any other cause whatsoever shall service. In no event shall Cardinal be liable for incidental or consequential damages, including the successors artificial out of or related for the performance of services hereunder!  Relinquished By:  Date: 7. 22-2 Time: 4.40  Relinquished By:	be deeme ing without Cardina	ed walk ut limit el, regs eCel	ed unio ation, b	By:	de in w intern	niting an uptions,	d rece lass o	use, o	Cordinal r loss of	within profits i	30 days after incurred by cli ove stat of rea	ient, ils subeidh	the applicab eries, ise esult: s are en	☐ Ye nailed.	Please	provide I		idress:			•	

CHECKED BY:

(Initials)

VO

**Turnaround Time:** 

Thermometer ID #113

**Correction Factor None** 

Standard

Bacteria (only) Sample Condition

Observed Temp. °C

Corrected Temp. °C

Cool Intact

Yes Yes

Sample Condition

Yes Yes No

Cool Intact

Observed Temp. °C

Corrected Temp. °C

Page 64 of 68

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

7	0	612
ol	04	10

Company Name:	Etech Environmental						T		B	IL	LTO					AN	ALYS	S RE	QUE	ST		
Project Manager:	Joel Lowry						P	.0. 1	k:													
Address: 3100	Plains Hwy						C	omp	any:	ET	Tech											
city: lovinyto	State: N	M Zip:	8	824	Oc		A	ttn:								-	-					-
Phone #: 579	-396-2378 Fax#:						A	ddre	ess:													
Project #: 143	36 Project Ov	mer: M	ewb	OVI	ne		c	ity:														
Project Name: R	oger 31 MP Fed 14						s	tate		2	Zip:							-				
Project Location:	: Rural Eddy co, NM						P	hone	e #:												- 1	
Sampler Name:	Miquel Raminez						F	ax#	:													
FOR LAB USE ONLY			T		MAT	RIX	-	PR	ESER	V.	SAMP	LING										1
Lab I.D.	Sample I.D.  FLI @ 6" FLI & 6"	(G)RAB OR (C)OMF	#CONTAINERS	GROUNDWATER	Nos X	OIL	SLUDGE	ACID/BASE:	KICE/COOL .	O HER.	DATE 7/20/21	TIME	- A Chlorides	X 37EX	Hdl x-							
18 1 19 1 20	FL 18 & 6" FL 20 & 6" FL 20 & 6" Damages, Cardinalin liability and client's exclusive remech	4	V		1				V				1	W	1							

PLEASE NOTE: Liability and Damages. Cardinitife 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 negligance and any other cause whatbover shall be deemed waived unities made in writing and received by Cardinal willin 30 days after complicable service. In the overt shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of gr related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relihquished By:	Date: 7-22-21 Receive	d By:	Volad Sel	Verbal Result:		Add'l Pho ide Email a			
Relinquished By:	Date: Receive	ed By:		REMARKS: PM (	Detec	heny	com		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C _ 4.9 Corrected Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Coc		Sample Condition Observed Temp. °C Corrected Temp. °C	

Page 65 of 68

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

3	of	18
	70	18

Company Name: ETech Environmental		BI	LL TO		ANALYSI	S REQUEST
Project Manager: Joel Lowry		P.O. #:				
Address: 3100 Plains Huy		Company: E	Tech			
City: LOVENSKOO State: NIM 2	ip: 78260	Attn:				
Phone #: 575 - 396 - 2378 Fax #:		Address:	•			
Project #: 14336 Project Owner:	Membourne	City:	•			
Project Name: Ryger 31 MP Fed 1H Project Location: AUTA   Edgy CO, MM		State:	Zip:			
Project Location: Kura   Edgy CD. AM		Phone #:		$1 \mid 1 \mid 1$		
Sampler Name: Migral Ragniner	-	Fax #:				
FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING	1		
Lab I.D. Sample I.D. <i>H21193</i> (	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: (ICE / COOL OTHER:	DATE TIME	Chbrides BTEX TPA		
2/ F1 21 @ 6"	I K	Y	7/20/21	XXX		
2/ F1 21 @ 6"			1	1151		
23 FL 23 @ 6" 24 FL 24 @ 6"						
24 Fr 34 6P"				11111		
25 FL 25 @69						
24 11 76 669		1		111111		
27 FL 27 Pb"				++++++	-	
25 FL 25 @6"  24 FL 25 @6"  27 FL 27 @6"  28 FL 28 @6"  29 FL 29 @6"			1			
30 86 30 66.	11		1	11111		
PLEASE NOTE: Liability and Demages. Cardinal's liability and client's exclusive remedy for any of	claim arising whether based in contract	or tort, shall be limited to	o the amount paid by the client fo	or the		

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whetherever shall be deemed waived unless made in writing and received by Cardinal within 30 days efter completion of the applicable service.' In no event shall Cardinal be liable for incidental or consequentel damages, including without limitation, business interruptions, less of use, or toss of profile incurred by client, its subsidiaries,

Relinquished By:	Date: 7-22-21 Received Time: 40	auara D	Maken	Verbal Result:		dd'l Phone #: Email address:
Relinquished By:	Date: Receive	ed By:		REMARKS: PM		enx.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.9 Corrected Temp. °C	Sample Condition Cool Intact Yes Yes No No	(Initials)	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No Corrected Temp. °C

PM

Page 66 of 68

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2478

4	1	10
4	of	18

Company Name	: ETech Environmental							B	LL TO					AN	ALYSI	S RE	QUES	T		
Project Manage	r: Joel Lowry							#:												
Address: 310	o Plains Huy	.,					Com	pany:	ETech											
	fon State: NA	Zig	o: 7	821	0		Attn:										-			
Phone #: 575	-396.∂378 Fax#:						Addr	ess:												
Project #: (43	36 Project Own	er: N	len	bour	ne		City:													
Project Name:	Ruger 31 mp fed 1H 1: Rural Eddy Co, NM Mignel Raminz						State	:	Zip:										1 1	
Project Location	: Rural Eddy Co, NM						Phon	e #:												
Sampler Name:	Miguel Raminz						Fax #	:												
FOR LAB USE ONLY	0				MATR	IX	PF	RESERV	SAMI	PLING	, h									
Lab I.D.	Sample I.D.  FL 31@ 6" FL 33 @ 6" FL 33 @ 6" FL 34 @ 6" FL 36 @ 6" FL 37 @ 6" FL 39 @ 6" FL 39 @ 6" FL 39 @ 6"	(G)RAB OR (C)OMP	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL OTHER:	DATE	TIME	Chloride	BTEX	HAL							
31	FL 31@ 6"	C	1		X			X	7/20/21		X	X	X							
32	Fl 32 @ 6"	11	1	ш	1			-(	1		1	-	1	-	-				-	
33	FL 33 @ 6"	-11	$\mathbb{H}$	-	11	-	-		1.		1			-	-	-	-	-	+	
34	Ll 34 69.	-11	H	-		-	-	-		-	+	1	+		-	-	-	-	+ +	
3/	F1 36 (2)	11	Н			+					++	-	1	+	+		-	-		
37	EI 376514	-					+	11				1	11							$\vdash$
38	F1 38 10 11	1/						1							1					
39	FL 39 @6 5																	-		
40	FL 40@6"	V	J		V			7	to the amount rai		V	V	4							

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or torf, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after comploties of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: 7.27-21 Received	accepta a	Vaster	Verbal Result: ☐ Ye All Results are emailed	. Please prov	
Refinquished By:	Date: Receive			REMARKS: PM	eteche	nv.com
	Observed Temp. °C _4.9 Corrected Temp. °C	Sample Condition Cool Intact Yes Yes No No	(Initials)	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

PM

Page 67 of

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (575) 393-2	2476								4					501	- 1	8				•	_	
ompany Name	: ETech Environmental	Tech Environmental								LLT	0						ANA	YSIS	REC	UEST			
roject Manage	or: Joel Lowry						P.O.	#:															
	o Plains Huy						Com	pany	:6	Tech													
ity: Lovin	State: NIV	Zij	):8X	260			Attn:												-	-	-		-
hone #: 57	5 396 3378 Fax#:						Addı	ress:															
roject #: 143	36 Project Owne	er: N	New	bour	ne		City:																
roject Name:	Ruger 31 MP Fed 14						State	ð:		Zip:													
	n: Pural Eddy Co, DA						Phor	ne #:															
ampler Name:	Miguel Ramira						Fax	lt:											1				
OR LAB USE ONLY		Τ.	П		MATRI	X	P	RESE	RV.	S	AMPL	LING											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DAT	Ē	TIME	Chlorides	BTEX	HAL							-	
41	FL 41 @ 6"	C	1		Y			X		7/20/	25		X	X	X								
42	FL 41 @ 6" FL 43 @ 6" FL 43 @ 6" FC 44 @ 6"	1	H		1			-}		1			4	1	)	1							
JU	E1 42 66	11	Н		1			-	-	1	+		H	-	+	_							
45	11 44 66	11	Ш	-	1	H		1		1									-	1			
46	FL 46 01"	11	Ш			$\forall$	1	1															
47	FL 47 064	11	Ħ		11																		
48	FL 45@6" FL 45 @6" FL 48 @6"	11																					
49	FL 49 DU																						

PLEASE NOTE: Liability and Darmages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the annount paid by the client for the annatyses. All claims including those for negligence and any other cause whateover shall be deemed walved unless made in willing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without fimilation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By	Date: 7-22.21 Receive		Verbal Result:
Refinquished By:	Date: Receive	Illura Klaskeck	PM Retechen V. com
	Time:		
Delivered By: (Circle One)	Observed Temp. °C _4.9	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C		Thermometer ID #113

PM

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2	0	0.1
6	of	12

Company Name	Etech Environmental									B	IL	L TO					ANA	LYSI	S RI	EQUE	ST		
Project Manage	r: Joel Laury								O. #:														٦
Address: 3	DO plains HW							Co	mpa	any:	E	Tech											-
city: Louin	Thon State: NIN	Zip	: 8	82	60	>		At	tn:								-			-	-	-	1
Phone #: 575	396.2378 Fax #:							Ad	Idres	ss:													1
Project #:5	Project Owne	r: 1	le.	sloc	שר	ne		Ci	ty:														1
Project Name:	luger 31 Mp Fed 11+							St	ate:		2	Zip:						.					1
Project Location	Miguel Ruhirez							Ph	one	#:													١
Sampler Name:	Miguel Ruherer							Fa	x #:														
FOR LAB USE ONLY	0			L	N	IATR	IX	F	PRE	SERV	4	SAMPLIN	NG										1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:		1 7 .	TIME	Chlorides	BTEX	HALL							
51	FL 5166"	C	1			X		L	Ш	X	1	7/20/21		X	X	X							-
53	FL 52 06"	1	11		Н	1	-	L		1	1	1		1	1	1	-	-					-
53	FL 53@64	1	H		_	1	+	H		1	ł	-		$\mathbb{H}$	-	+		-		-		-	-
54	+1 54 66	H	1		Н	1	+	-		1	ł			H	+	$\mathbb{H}$		1		1		-	-
22	r 51 814	1	H				+	H		1	ł					+		1		+	-		1
57	FI 570(1)	11	11			1	+	H		1	t			$\vdash \vdash \vdash$		-11		1			1	1	1
58	F1.58 Q6"	1				1				1	1							1		1			1
59	FL 59 06"										1	1.										-	
PLEASE NOTE: Liability an	FL 51 P6"  FL 53 P6"  FL 53 P6"  FL 54 P6"  FL 55 P6"  FL 57 P6"  FL 57 P6"  FL 51 P6"  FL 51 P6"  FL 51 P6"	1	V			1				1	1	Y	he client for	4	V	4							

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whateover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of live applicable sentee. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.

Relinduished By:	Date: 7.27-21 Received	lauara		Result: Yes sults are emailed.	Please provid	Add'I Phone #: le Email address: Chenv.Com
Relinguished By:	Datg: Receive	ed By:	REMA			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -4.9 Corrected Temp. °C	Sample Condition Cool Intact Ves Ves No No	(Initials)		Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes: Yes No Corrected Temp. °C



July 27, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RUGER 31 MP FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 07/22/21 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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: 07/22/2021 Sampling Date: 07/20/2021 Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 61 @ 6" (H211933-01)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	94.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.0	% 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. Keene



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 62 @ 6" (H211933-02)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.5	% 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. Keine



# Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 63 @ 6" (H211933-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	96.0	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/25/2021	ND	200	100	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	206	103	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	90.1	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

### Sample ID: FL 64 @ 6" (H211933-04)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	80.0	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/23/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	71.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.0	% 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 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 65 @ 6" (H211933-05)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/23/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	79.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.4	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 66 @ 6" (H211933-06)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.4	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 67 @ 6" (H211933-07)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.0	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 68 @ 6" (H211933-08)

BTEX 8021B	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	137	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	94.2	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	67.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.5	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 69 @ 6" (H211933-09)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	68.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.9	% 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



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

## Sample ID: FL 70 @ 6" (H211933-10)

BTEX 8021B

DILX GOZID	1119/	<u>ng</u>	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 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	7200	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.5	% 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. Freene



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 71 @ 6" (H211933-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	80.0	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	80.3	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Project Number: Sample Received By: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 72 @ 6" (H211933-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	77.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.2	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 73 @ 6" (H211933-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	1400	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.7	% 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. Keine



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 74 @ 6" (H211933-14)

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	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	48.0	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.9	% 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 related 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
D.O. Box 201

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 75 @ 6" (H211933-15)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	6800	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.8	% 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.

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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 76 @ 6" (H211933-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	< 0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13700	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.0 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.3 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

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 77 @ 6" (H211933-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	6000	16.0	07/26/2021	ND	432	108	400	7.69	
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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.6	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 78 @ 6" (H211933-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	07/23/2021	ND	2.12	106	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	2.06	103	2.00	1.43	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	6.17	103	6.00	0.912	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	4880	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	202	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	146	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	69.6	% 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



# Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 79 @ 6" (H211933-19)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.7	% 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



07/20/2021

Cool & Intact

Tamara Oldaker

### Analytical Results For:

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

(575) 396-1429

Sampling Condition:

Sample Received By:

Lovington NM, 88260

Received: 07/22/2021 Sampling Date:

Fax To:

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H
Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 80 @ 6" (H211933-20)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	72.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.8	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 81 @ 6" (H211933-21)

RTFY 8021R

B1EX 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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 % 69.9-14		0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.8	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

### Sample ID: FL 82 @ 6" (H211933-22)

BTEX 8021B

DILX GOZID	ilig/ kg		Analyzed by: 1-15						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6 % 69.9-1-		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.9	% 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. Keene



### Analytical Results For:

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

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 83 @ 6" (H211933-23)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/26/2021	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	07/24/2021	ND	212	106	200	4.51	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	212	106	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	69.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.3	% 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.

Celeg & Freene



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 84 @ 6" (H211933-24)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.6	% 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. Keine



### Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
D.O. Roy 201

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 85 @ 6" (H211933-25)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	100	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 86 @ 6" (H211933-26)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.3	% 38.9-14	22						

# 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. Keine

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 87 @ 6" (H211933-27)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.8	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 88 @ 6" (H211933-28)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.0	% 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. Keine



## Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021 Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 89 @ 6" (H211933-29)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	07/26/2021	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	07/23/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.1	% 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. Keine



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 90 @ 6" (H211933-30)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	87.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.2	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 91 @ 6" (H211933-31)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	729	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	193	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	108 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



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 92 @ 6" (H211933-32)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	85.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.6	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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 93 @ 6" (H211933-33)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.8	% 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. Keene



## Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Project Number: Sample Received By: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 94 @ 6" (H211933-34)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	92.2	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 95 @ 6" (H211933-35)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	89.4 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.99	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 96 @ 6" (H211933-36)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	102	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 97 @ 6" (H211933-37)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.8	% 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. Keene



## Analytical Results For:

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

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

rdx 10. (5/5) 390-142

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 98 @ 6" (H211933-38)

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	07/24/2021	ND	2.00	99.9	2.00	10.5	
Toluene*	<0.050	0.050	07/24/2021	ND	2.13	106	2.00	11.8	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	2.04	102	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	6.11	102	6.00	11.3	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	192	16.0	07/26/2021	ND	416	104	400	3.77	QM-07
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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	106	% 38.9-14	22						

# 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. Keine

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



# Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 99@ 6" (H211933-39)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	128	16.0	07/26/2021	ND	416	104	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.2	% 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.

Celeg & Frence



## Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 100 @ 6" (H211933-40)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	92.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	100	% 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 101 @ 6" (H211933-41)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.6	% 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 102 @ 6" (H211933-42)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	12400	16.0	07/26/2021	ND	416	104	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	91.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	101	% 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 P.O. Box 301

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336
Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 103 @ 6" (H211933-43)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	07/26/2021	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	07/24/2021	ND	205	102	200	2.80	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	209	105	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.6	% 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
P.O. Box 301

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

 Received:
 07/22/2021
 Sampling Date:
 07/20/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 104 @ 6" (H211933-44)

RTFY 8021R

B1EX 8021B	mg/	кд	Allalyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/26/2021	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	07/23/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.9	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 105 @ 6" (H211933-45)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	5860	16.0	07/26/2021	ND	416	104	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	07/23/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/23/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/23/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.0	% 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.

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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 106 @ 6" (H211933-46)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/26/2021	ND	416	104	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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.7	% 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. Keine



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 107 @ 6" (H211933-47)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/26/2021	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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	73.0	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 108 @ 6" (H211933-48)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	224	16.0	07/26/2021	ND	416	104	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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	76.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.0	% 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



Tamara Oldaker

## Analytical Results For:

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

Analyzed By: MS

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 109 @ 6" (H211933-49)

BTEX 8021B

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	256	16.0	07/26/2021	ND	416	104	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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	79.6	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 110 @ 6" (H211933-50)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	77.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.9	% 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



# Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 111 @ 6" (H211933-51)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.2	% 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 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 112 @ 6" (H211933-52)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.2	% 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. Keine



# Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 113 @ 6" (H211933-53)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	75.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.3	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 114 @ 6" (H211933-54)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/26/2021	ND	416	104	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	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	341	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	114	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	73.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.2	% 38.9-14	12						

# 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: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 115 @ 6" (H211933-55)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	16.9	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	73.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.5	% 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. Keine



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 116 @ 6" (H211933-56)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.2	% 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. Keine



## Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 117 @ 6" (H211933-57)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/26/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	69.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.1	% 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/20/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 118 @ 6" (H211933-58)

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	07/24/2021	ND	1.79	89.5	2.00	3.77	
Toluene*	<0.050	0.050	07/24/2021	ND	1.92	96.1	2.00	4.17	
Ethylbenzene*	<0.050	0.050	07/24/2021	ND	1.87	93.4	2.00	4.29	
Total Xylenes*	<0.150	0.150	07/24/2021	ND	5.64	94.0	6.00	3.89	
Total BTEX	<0.300	0.300	07/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	07/26/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2021	ND	214	107	200	1.73	
DRO >C10-C28*	<10.0	10.0	07/25/2021	ND	214	107	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	07/25/2021	ND					
Surrogate: 1-Chlorooctane	69.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.1	% 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. Keine



# Analytical Results For:

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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 119 @ 6" (H211933-59)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.7	% 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

## Sample ID: FL 120 @ 6" (H211933-60)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/26/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	16.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	73.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.0	% 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



## **Notes and Definitions**

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

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

ecovery.

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



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	-		
	of	1	V
-/	ple	1	8

Company Name: Etech Environmenta									BI	ILL	TO						ANA	LYSIS	RE	QUE	ST			
Project Manager: Joel Lowy							P.O	#:																П
Address: 3100 Plains Hury							Con	npai	ny: E	Tech	\													
City: Lournaton State	: NM Zip	: 7	168	60			Attn	1:																
Phone #: 575 · 396 · 2007 Fax #							Add	res	s:															$\vdash$
Project #: 14336 Project		hen	bor	200	e		City	:																
Project Name: Ruger 31 MP FAT 1)							Stat	e:		Zip:			1											1
Project Location: Pural Ecoly Co. NM							Pho	ne i	<b>#</b> :															
Sampler Name: Mignel Raminez							Fax	#:																
FOR LAB USE ONLY		Г		MA	ATRIX	(	F	PRES	SERV.		SAMP	LING	1											
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	Dį	ATE	TIME	Chlorides	BTEX	TPH									
1 FL 6 1 6 6"	皮	1		X				7		7/2	10/01		X	X	X									
2 FL 63 Q6"	j	1						1		_	1		1	1	1									
							4	1																
4 FL 64 @L"		1					4						111	-			-							
5 FL 65 QL"							-	-						1					_			-	-	
6 FL 66 @6"		Н	-	-	-		-							-	-								-	
7 [ 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		-				-	-	+			1			-	-	-	-		-				-	$\vdash$
8 FL 68 @ 6"		H					+	-						-	-					-				
PLEASE NOTE: Liability and Damages, Cardinat's liability and client's exclusive	V	V	a wheth	Z C	d in cov	tract o	t lori s	tall be	J I	to the em	4	by the client for	V	V	V									

PLEASE NOTE: Liability and Dameges. Cardinaris liability and client's exclusive remedy for any clear areing whether based in contract or fort, shall be limited to the amount pact by the clear for the analyses. All claims including those for negligence and any other cause whetherever shall be deemed waived unless made in writing and received by Cardinal within 30 days efter completion of the applicable service. In no event shall Cerdinal be liable for incidental or consequental damages, including without limitation, business interruptions loss of use, or loss of profils incurred by client, its subsidientee,

Relinduished By:	Date: 7-27-21 Receive	lamara (	Oldakas	Verbal Result: Ye All Results are emailed		Add'l Phone #: vide Email address:
Relifiquished By:	Date: Receive			REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C - 4.9 Corrected Temp. °C	Sample Condition Cool Intact Les Les No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

PM

Received by OCD: 6/17/2022 2:46:13



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental						T			BI	LL TO					AN	IALYS	IS R	EQUI	EST	
Project Manage	r: Joel lowry						F	2.0.	#:									T			
Address: 300	Plains Huy						C	om	pany	y: E	tech										
City: Lovenati		Zip	: 8	826	00		A	Attn:				_							-		
Phone #: 575	· 346.2378 Fax#:						A	Addr	988:	:									1	1	
Project #: 143	36 Project Own	er:	rec	stock	urn	6	C	city:													
Project Name:	Ruger 31 MP FOR 14						S	tate	:		Zip:										
Project Location	n: Rural Eddy Co, NM						F	hon	e #:												
Sampler Name:	Miguel Ramirez						F	ax#	_				1 1								
FOR LAB USE ONLY	9			-	MA	TRIX	-	PF	RESE	ERV.	SAMP	LING	1								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	HCE / COOL	OTHER:	DATE	TIME	Chlorides	BTEX	1807			٠			
11	FL 71@6"	C			X		4		X		7/20/21		X	Y	Y						
12	FL 71@6" FL 73@6" FL 73@6" FL 74 @6" FL 75 @6"	1	5		1	Н			1	Н	1	-	11	1	1		-		1		-
13	FL 73 @6"		$\mathbb{H}$	-	+	-	-	-	1				111	1	1	-	+	-	-	-	
15	FL 74 61"	1	Н		-	+	-	1	1	$\vdash$			11	1	+	-	-	+	-	-	
11.	FL 76 Q6"		Н			H		1	+	$\Box$				1	-			1	-		
15	FL 77 @ 6"	11	$\mathbf{H}$		1		+		1				11				1	1			
17 18 19	F1 79 @ L"	13			1		1														
19	FI 79 Pb"								1												
2	FL 80 @6'	a	V						8		4		V	V	V						

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim asizing whether based in contract or tort, shall be limited to the amount peid by the client for the analyses. All claims including those for negligence and any other cause whethoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitution.

Relinquished By:	Date: 7-22-21 Received By: Time: 40 Mulah	Verbal Result: All Results are e	☐ Yes ☐ No Add'l Phone #: emailed. Please provide Email address:
Relinquished By:	Date: Received By:	REMARKS:	PM Detechenv. rom
Delivered By: (Circle One)  Sampler - UPS - Bus - Other:	Observed Temp. °C Sample Concord Intac	t (Initials) Thermometer ID	Rush Cool Intact Observed Temp. °C #113

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

9 1	
Pot -	18

Company Name	ETECH Environmental								BI	LL TO					Al	IALYS	IS F	REQU	EST		
Project Manage	r: Joel Lowry							P.O. 1	t:								T				
	O Plains Hwy						C	omp	any:	Etech		1									
	ston State: NO	Zij	o: 1	188	60		_	ttn:		- ( - 0 - (											
Phone #: 575	396. 9378 Fax #:					-	1	ddre	ss:												
Project #: 143	36 Project Own	er: /	ne	160	urn	,	c	ity:				1						1			
Project Name:	Runer 31 MD Fed 14		-				s	tate:		Zip:											
Project Location	Ruger 31 Mp Fed 14 n: Pural Eddy co, NA						F	hone	#:												
Sampler Name:	Miquel Raminz						F	ax #:													
FOR LAB USE ONLY	0	Τ.	Г		MA	TRIX		PR	ESERV.	SAMPI	LING	1									
Lab I.D.	Sample I.D.  FL81 @ 6" FL82 @ 6" FL89 @ 6" FL89 @ 6" FL80 & 6"	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	Chloricles	Brex	MAL							
21	FL81 @ 6"	C	1	ш	X				X	7/20/2		70	K	X							
23	FL82@["	11	1		1				1	1				1							
23	trbe c.	-11	H					-				$\mathbb{H}$				_	-	-	-		
34	FL89@ ["	$\mathbb{H}$	11			Н	-		1			$\mathbb{H}$	-	1		-	+	-	-		
24	F(8@6	11	₩	$\vdash$	+	+		+	-	++			-		-	-	+	+	-	$\vdash$	-
27	C: 12 0 (3)	+	H		-	+	+	+	-		_	H			-	-	1	+	+		-
28	E1 38 014	11	$\parallel$					1				Н		1			+	+	1		
29	FL 39 @ [ "	11	1		1	H	-	1													
30	FL9UBG"	19	7		V				10	4		1	4	10							
analyses. All claims include	d Damages. Cardinal's liability and client's exclusive remedy for ag those for negligence ead any other cause whatsoever shall in reflect be liable for incidental or consequential deceanes. Inclu-									to the amount paid to		the applicate									

Relinquished By:	Date: 27-2/ Receiv	ed By:	Milles	All Results are emailed		
Relinquished By:	Date: Receiv	ed By:	date	PM De.	techen v	· com
Delivered By: (Circle One)  Sampler - UPS - Bus - Other:	Observed Temp. °C _6.9 Corrected Temp. °C	Sample Condition Cool Intact Ves Ves No No	(Initials)	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No Corrected Temp. °C

Page 66 of 68

# **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

10	1	
Pol	18	

Project Manager: Sec Loury  Address: 3100 Places Mary  State: NM Zip: 3336 Address:  Company: E7cch  Attri  Project Marian: Project Owner: Mark Durry  State: Zip:  Project Location: Pural Eccly Co Mn  Sampler Name: Miare Comman  Maria Preserv. Sampling  Markix Preserv. Sampling	Company Name: ETECH Environmental		BILL TO	ANALYSIS REQUEST
Address: 3100 Plands Mary  City: Dy Inchan  State: N/M Zip: 8334 Address:  Phone 8: 573 314 3378 Fax 8:  Project Name: Rygal 31 Mp Fad I H  Project Location: Pural Toley O MN  Sampler Name: MIALLE COMMINIA  Lab I.D. Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  DATE TIME  7/30/33  1 149 6 6  37 149 6 6  38 149 6 6  37 149 6 6  37 149 6 6  38 149 6 6  39 149 6 6  30 149 6 6  31 149 6 6  31 149 6 6  32 149 6 6  33 149 6 6  34 149 6 6  35 149 6 6  36 149 6 6  37 149 7 6 6  38 149 6 6  39 149 6 6  30 149 6 6  30 149 6 6  31 149 6 6  32 149 6 6  33 149 6 6  34 149 6 6  35 149 6 6  36 149 6 6  37 149 7 6 6  38 149 6 6  39 149 6 6  30 149 6 6  30 149 6 6  31 149 6 6  31 149 6 6  32 149 6 6  33 149 6 6  34 149 6 6  35 149 6 6  36 149 6 6  37 149 7 6 6  38 149 6 6  39 149 6 6  30 149 6 6  30 149 6 6  30 149 6 6  31 149 6 6  32 149 6 6  33 149 6 6  34 149 6 6  35 149 6 6  36 149 6 6  37 149 7 6 6  38 149 6  38 149 6  38	Project Manager: Joe Lowry		P.O. #:	
State: N/M Zip: 8326 Atm:  Phone 8: 773 316 378 Fax 8: Address:  Project I 1/336 Project Owner: My / hours  Project Local Project Owner: My / hours  State: Zip: Phone 8: Fax 8:  Phone 8: Fax 8:  Phone 8: Fax 8:  Project Local Project Owner: My / hours  State: Zip: Phone 8: Fax 8:  Project Local Project Owner: My / hours  State: Zip: Phone 8: Fax 8:  Project Local Project Owner: My / hours  Fax 8:  PRESERV. SAMPLING  WATRIX  PRESERV. SAMPLING  WATRIX			Company: ETech	
Phone 8: 573 316 3378 Fax 8:  Project 8: 1/336 Project Owner: My bourry  City:  State: Zip:  Phone 8: 573 316 A378 Fax 8:  Project Name: Pyr 31 Mp Fed 1 M  Sampler Name: Make Color Co Min  For I/A USE Color Co Min  For I/A USE Color Co Min  Sample I.D.  Sample I.D.		Zip: 88260		
Project Name: Pyper 31 MP Fed 1 H  State: Zip: Phone 8: Sampler Name: MI ALE CONTROL  Lab I.D. Sample I.D. Sample I.D.  Sample I.D. Sample I.D.  WATRIX  MATRIX  PRESERY. SAMPLING  WASLEWALER  BY STATE  FOR LAB USE ONLY  AND FED A CONTROL  BY STATE  BY STATE  AND FED A CONTROL  BY STATE  BY ST	Phone #: 575 396 2378 Fax #:	-	Address:	
Project Name: Rygal 31 Mp Fed 1 H Project Location: Pural Ecology to Min Sampler Name: Majal Communication of the Majal Communica	Project #: 14336 Project Own	W: Mentoury	City:	
Sampler Name: Mark Reserving Sampling  Lab I.D. Sample	Project Name: Ryger 31 MP Fed 14		State: Zip:	
Sampler Name: Mark Common Marker Sampler Name: Name	Project Location: Pural Foldy CO NA		Phone #:	
Tab I.D. Sample I.D.  (G)RAB OR (C)OMP  SET AND CE COOLTAINERS  ACIDISABOR (C)ONDAINERS  ACIDISA	Sampler Name: Mlavel Ramine		Fax #:	
31 FLAI @ 6' 32 FLAI @ 6' 33 FLAI @ 6' 34 FLAI @ 6' 35 FLAI @ 6' 37 FLAI @ 6' 38 FLAI @ 6' 37 FLAI @ 6' 37 FLAI @ 6' 40 FLOO @ 6'	FOR LAB USE ONLY		PRESERV. SAMPLING	
ALSO REPORT OF THE PROPERTY OF	4211933 31 FL91 @ 6' 32 FL91 @ 6' 33 FL91 @ 6' 34 FL91 @ 6' 35 FL91 @ 6' 37 FL91 @ 6' 39 FL91 @ 6'	C 1 Y	OTHER.  ACIDIBASE  ACI	787

**CARDINAL** Laboratories

101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 67 of 68

Released to Imaging: 10/25/2022 2:40:36 PM

. 11

	(575) 393-2326 FAX (575) 393-2	2476		
Company Name	EFECH Environmental		BILL TO	ANALYSIS REQUEST
Project Manage	r: Joel Lowry		P.O. #:	
	Plains Hwy		Company: ETech	
City: Louis		Zip: 883-60	Attn:	
Phone #: 575	396 2378 Fax#:		Address:	
Project #: 143	36 Project Owne	or: Mentbourg	City:	
Project Name:	Ryper 31 MP Fed 14		State: Zip:	
Project Locatio	n: Pural Eday co NA		Phone #:	
Sampler Name:	1 64		Fax #:	
FOR LAB USE ONLY	0	MATRIX	PRESERV. SAMPLING	
Lab I.D.	Sample I.D.  FUN @ 6'	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER ACID/BASE ICE / COOL OTHER	Chlorichs BTEX TPLI
41	FLIO @ 6"	CIX	16/06/17 X	10 X X
42	FUN QL			
43	FLISE 6			
44	F 114 (2) L".	11 11 21 12 1		
45	F(1050) G	1-11-1-1		
76	FC 106 (2)6	1+1/1-1-1		
48	EL 107 6 6"			

PLEASE NOTE: Liability and Damages. Cardina's inhibity and client's exclusive remedy for any clean esting whether based in carboot or text, shall be limited to the amount paid by the client for the envision. All cloims including those for negligence and any other cause whetherwest shall be deemed waived unless made in writing and received by Cardinal within 30 days either completion of the applicable service. In no event shall Cardinal be liable for incidental or corresponds demages, including without limited on, business interruptions, loss of use, or loss of profits incerved by client, its schallings.

Relinguished By:	7-22-2/ Receive	d By:	1011	Verbal Result:	s 🗆 No	Add'i Phone #:	
Mulkins	7.22.4 Time; 640	lauara 1	Ilda Lik	PM De.		Co M	
Relinquished By:	Date: Receive	d By:		REMARKS:			
	Time:					/	
Delivered By: (Circle One) Obs	served Temp. °C _6.9	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria	(only) Sample Condition act Observed Temp. °C
Sampler - UPS - Bus - Other: Cor	rected Temp. °C	Yes Yes	40	Thermometer ID #113 Correction Factor None		Yes Nc	

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

# **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

12	1
800	-18

Page 68 of 68

Released to Imaging: 10/25/2022 2:40:36 PM

Company Name: ETech Environmental	· · · · · · · · · · · · · · · · · · ·	BILL TO	ANALYSIS REQUEST
Project Manager: Joe Lowry		P.O. #:	
Address: 3100 Placos May		Company: ETech	
city: Lovington State: NM	Zip: 882-60	Attn:	
hone #: \$75 396 9378 Fax #:		Address:	
roject #: 14336 Project Owns	or: Mentourry	City:	
roject Name: Ryner 31 MD Fed 1H		State: Zip:	
roject Location: Pural Eddy Co, NN		Phone #:	
ampler Name: Mlake   Ramin 2		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.  #211933 - 57 FLIN @ 6' 52 FLIN @ 6' 53 FLIN @ 6' FLIN @ 6' FLIN @ 6' 57 FLIN @ 6' 57 FLIN @ 6' 58 FLIN @ 6' FLIN @	# CONTAINERS  # CONTAINERS  GROUNDWATER  WASTEWATER  A SOIL  OIL	ACID/BASE ACID/B	X Chlericks  X TPLI
58 FL 18 @ 6" 60 FL 12 66		7/32/31 7/32/31	at distribution of the state of

Relinquished By:	Date: 7.27-21 Received Times 440		Oldaky	Verbal Result:   All Results are emailed  PM & C.  REMARKS:		vide En	Phone #: nail address:
(	Time:						
Delivered By: (Circle One)	Observed Temp. °C _ 4.9	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard	H	Bacteria (only) Sample Condition Cool Intact Observed Temp. "C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	No No	TO.	Thermometer ID #113 Correction Factor None			Yet Yes No Corrected Temp. °C



July 27, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: RUGER 31 MP FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 07/22/21 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:
 07/22/2021
 Sampling Date:
 07/22/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 121 @ 6" (H211934-01)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	0.061	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	80.0	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	77.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.3	% 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.

Celeg & Freene



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 122 @ 6" (H211934-02)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	26.8	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	66.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.0	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 123 @ 6" (H211934-03)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	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	96.0	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.3	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 124 @ 6" (H211934-04)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	128	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	76.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.5	% 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

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 125 @ 6" (H211934-05)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	10						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/26/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed 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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	4460	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	1770	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	78.1	% 44.3-13	23						
Surrogate: 1-Chlorooctadecane	240	% 38.9-14	12						

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

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 126 @ 6" (H211934-06)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	0.052	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	976	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	4110	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	1710	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	226 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 127 @ 6" (H211934-07)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	74.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.7	% 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. Keine



# Analytical Results For:

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

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

 Received:
 07/22/2021
 Sampling Date:
 07/22/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 128 @ 6" (H211934-08)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	10						
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	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	10.9	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.3-13	23						
Surrogate: 1-Chlorooctadecane	71.9	% 38.9-14	12						

# 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

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 129 @ 6" (H211934-09)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	10						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	34.4	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	12.3	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.3-13	23						
Surrogate: 1-Chlorooctadecane	73.8	% 38.9-14	12						

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 P.O. Box 301

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 07/22/2021
 Sampling Date:
 07/22/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 130 @ 6" (H211934-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	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	1250	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	75.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.7	% 38.9-14	12						

# 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 131 @ 6" (H211934-11)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	0.073	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	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	1710	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	73.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.7	% 38.9-14	12						

# 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 132 @ 6" (H211934-12)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyac	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	0.083	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	2120	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	71.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.8	% 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.

Celey & Kreene



# Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 133 @ 6" (H211934-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	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	13200	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	74.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.5	% 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 134 @ 6" (H211934-14)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	15800	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	75.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.6	% 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 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

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



# Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 135 @ 6" (H211934-15)

BTEX 8021B	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	0.068	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	1330	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	449	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	155	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.1	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 136 @ 6" (H211934-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	136	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	50.4	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	76.8	% 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 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 137 @ 6" (H211934-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	07/26/2021	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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	216	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	77.4	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.2	% 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 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 138 @ 6" (H211934-18)

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	07/25/2021	ND	2.01	100	2.00	4.56	
Toluene*	<0.050	0.050	07/25/2021	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.04	102	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.10	102	6.00	1.32	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	07/26/2021	ND	432	108	400	0.00	QM-07
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	07/26/2021	ND	213	106	200	3.37	
DRO >C10-C28*	210	10.0	07/26/2021	ND	210	105	200	4.28	
EXT DRO >C28-C36	81.4	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	66.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.3	% 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. Keine



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 139 @ 6" (H211934-19)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	17200	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	39.7	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	66.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.3	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 140 @ 6" (H211934-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	16400	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	33.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	72.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.6	% 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



# Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 141 @ 6" (H211934-21)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	16000	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	82.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	12.3	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	73.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.9	% 38.9-14	2						

\*=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

Cardinal Laboratories



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 14336

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 142 @ 6" (H211934-22)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.4	% 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



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 143 @ 6" (H211934-23)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	112	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	70.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.8	% 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. Keene



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 144 @ 6" (H211934-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	80.0	16.0	07/26/2021	ND	432	108	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	72.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.7	% 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. Keine



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 145 @ 6" (H211934-25)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	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	112	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.1	% 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. Keine



# Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 146 @ 6" (H211934-26)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	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	144	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.9	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

# Sample ID: FL 147 @ 6" (H211934-27)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	32.0	16.0	07/26/2021	ND	432	108	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.8	% 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 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 148 @ 6" (H211934-28)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	48.0	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.2	% 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 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 149 @ 6" (H211934-29)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	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	16.0	16.0	07/26/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.5	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 150 @ 6" (H211934-30)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	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	48.0	16.0	07/26/2021	ND	432	108	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	69.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	64.0	% 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 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
P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 151 @ 6" (H211934-31)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	48.0	16.0	07/26/2021	ND	432	108	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	71.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.5	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 152 @ 6" (H211934-32)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	448	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	63.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	59.5	% 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 153 @ 6" (H211934-33)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	416	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	66.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.0	% 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. Keene



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 154 @ 6" (H211934-34)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	464	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	67.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	63.0	% 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. Keene



### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 155 @ 6" (H211934-35)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	432	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	66.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	62.4	% 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



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 156 @ 6" (H211934-36)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	32.0	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	65.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	61.1	% 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 157 @ 6" (H211934-37)

BTEX 8021B

DILX GOZID	iiig/	, 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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	07/26/2021	ND	432	108	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	71.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	65.8	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 158 @ 6" (H211934-38)

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	07/25/2021	ND	1.83	91.7	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2021	ND	1.99	99.4	2.00	1.22	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.94	97.0	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.85	97.5	6.00	1.80	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/26/2021	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	07/26/2021	ND	199	99.5	200	2.75	
DRO >C10-C28*	26.1	10.0	07/26/2021	ND	206	103	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.3	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: FL 159 @ 6" (H211934-39)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	48.0	16.0	07/26/2021	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	07/26/2021	ND	221	110	200	4.32	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	232	116	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	81.6	% 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 P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 160 @ 6" (H211934-40)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104 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
P.O. Box 301

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

ma/ka

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: NW 1 (H211934-41)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	1120	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.6	% 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. Keine



### Analytical Results For:

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

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

### Sample ID: NW 2 (H211934-42)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	1410	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	170	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	77.7	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	117	% 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



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:
 07/22/2021
 Sampling Date:
 07/22/2021

 Reported:
 07/27/2021
 Sampling Type:
 Soil

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Location: MEWBOURNE - EDDY CO NM

14336

### Sample ID: NW 3 (H211934-43)

Project Number:

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	< 0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	16200	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	372	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	164	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	94.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	126	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

### Sample ID: NW 4 (H211934-44)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	784	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.8	% 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 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: NW 5 (H211934-45)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	48.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	72.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.8	% 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. Keene



### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date: 07/22/2021 Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: NW 6 (H211934-46)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	< 0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9 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	96.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	91.1 9	6 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103 %	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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

### Sample ID: EW 1 (H211934-47)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	80.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	83.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.9	% 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 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

### Sample ID: EW 2 (H211934-48)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	256	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.8	% 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 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

### Sample ID: EW 3 (H211934-49)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104	% 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: EW 4 (H211934-50)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	48.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	111 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 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: SW 1 (H211934-51)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	106	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: SW 2 (H211934-52)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	352	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	98.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	112	% 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 P.O. Box 301

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

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact

Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: SW 3 (H211934-53)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	98.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	108	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: SW 4 (H211934-54)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	< 0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	110	% 38.9-14	12						

# 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: SW 5 (H211934-55)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	1720	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104	% 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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

### Sample ID: WW 1 (H211934-56)

BTEX 8021B

	<u> </u>			,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

### Sample ID: WW 2 (H211934-57)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	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	256	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	44.4	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	109	% 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



07/22/2021

### Analytical Results For:

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

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

Received: 07/22/2021 Sampling Date:

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14336

MEWBOURNE - EDDY CO NM Project Location:

### Sample ID: WW 3 (H211934-58)

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	07/25/2021	ND	2.03	101	2.00	7.28	
Toluene*	<0.050	0.050	07/25/2021	ND	2.14	107	2.00	6.01	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	2.08	104	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	6.26	104	6.00	8.02	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	32.0	16.0	07/26/2021	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	07/26/2021	ND	201	101	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	206	103	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105	% 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

Fax To: (575) 396-1429

Received: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

### Sample ID: WW 4 (H211934-59)

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	07/25/2021	ND	1.89	94.6	2.00	5.22	
Toluene*	<0.050	0.050	07/25/2021	ND	2.03	102	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.99	99.6	2.00	5.10	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.99	99.8	6.00	5.21	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	48.0	16.0	07/26/2021	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	07/26/2021	ND	221	110	200	4.32	
DRO >C10-C28*	<10.0	10.0	07/26/2021	ND	232	116	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	07/26/2021	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.4	% 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.

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: 07/22/2021 Sampling Date: 07/22/2021

Reported: 07/27/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

### Sample ID: WW 5 (H211934-60)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2021	ND	1.89	94.6	2.00	5.22	
Toluene*	<0.050	0.050	07/25/2021	ND	2.03	102	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/25/2021	ND	1.99	99.6	2.00	5.10	
Total Xylenes*	<0.150	0.150	07/25/2021	ND	5.99	99.8	6.00	5.21	
Total BTEX	<0.300	0.300	07/25/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	80.0	16.0	07/26/2021	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	07/27/2021	ND	221	110	200	4.32	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	232	116	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.8	% 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 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



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

#### **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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  $6^{\circ}\text{C}$ 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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after competent 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

Page 63 of 68

5	<b>CARDINAL</b> Laboratories
	Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 202 2226 EAY (575) 202 2476

13 1	
Pol	18

company Name: ETECH Environmental		BILL TO	ANALYSIS REQUEST
roject Manager: Soc \ Lown		P.O. #:	
ddress: 3100 Places Mad		Company: ETech	
ity: Lovenstor State: N/M thone #: 575 396 3378 Fax #:	Zip: 88340	Attn:	
hone #: 575 396 3378 Fax #:		Address:	
roject #: 14556 Project Owner	: Mentourry	City:	
roject Name: Ryger 31 MP Fed 1H		State: Zip:	
roject Name: Ryger 31 MP Fed 1H roject Location: Pural Eddy CO, NN ampler Name: Mignel Raminz		Phone #:	
ampler Name: Mlave Camim2		Fax #:	1
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.  4211934  ( FUN @ 6  2 FUN @ 6  3 FUN @ 6  4 FUN @ 6  5 FUN @ 6  7 FUN @ 6  7 FUN @ 6  9 FUN @ 6  9 FUN @ 6	CG)RAB OR (C)OMP  - # CONTAINERS  GROUNDWATER  WASTEWATER  C SOIL  OIL  SLUDGE	ACIDIBASE ACIDIBASE ACIDIBASE OTHER  ACIDIBASE ACIDIBASE ACIDIBASE ACIDIBASE	Chloricky X TPU
belinquished By:  Date:  Time:	Received By:  Sample Condition  Cool Intact  No   No   No	REMARKS  On CHECKED BY: Turnaroun (initials) Thermometr	s are emailed. Please provide Email address:  PM & Ctechen v. com s:

Received by OCD: 6/17/2022 2:46:13 PM

Page 64 of 68

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

14	
Pol	18

ompany Name: ETech Environmental		BILL TO	-	ANALYSIS REQUEST
roject Manager: Soc Lowry		P.O. #:		
ddress: 3100 Places Ilwi		Company: ETech		
	Zip: 88260	Attn:		
hone #: 575-396 2378 Fax #:		Address:		
roject #: 14336 Project Own	ner: Mewbourry	City:		
roject Name: Ryger 31 MP Fed 1H		State: Zip:		
roject Name: Ryger 31 MP Fed 1H		Phone #:		
ampler Name: Mlave Romin2	10.7	Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACID/BASE ICE / COOL OTHER  THER	Chlorichs Brex TPLJ	
1211934	(G)R GROI WAS	DATE TIME		
17 FLIST @ 6"		x 7/22/21	x x x	
12 France C. 13 Fr				
19 818401				
15 FUSTO 6				
16 FL 156 @6"				
16 Er 126 @ 6"				
18 FL 138 264				
19 FL (3) 6				
701 -1 19(1 (=) (	140 140 1	E 107 E 107		

Page 65 of 68

# **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

19 1	
Pol	18

Company Name: Etech Environmental		BILL TO	Al	NALYSIS REQUEST
Project Manager: Joe Lown		P.O. #:		
Address: 3100 Places Hwy		Company: ETech		
city: Lovingtor State: NM	Zip: 87260	Attn:		
Phone #: 575 394 3377 Fax #:		Address:		
Project #: 14336 Project Owne	r: Menbourn	City:		
Project #: 14336 Project Owner Project Name: Ryger 31 Mp Fed 14	To the Northead St.	State: Zip:		
Project Location: Pural Eddy Co, NN		Phone #:		
Sampler Name: Migue   Ramina		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	1	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP  **CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER.  ACIDIBASE ICE / COOL OTHER  THER	Chlorichs BTEX TPL1	
21 FLITT @ 6" 23 FLITT @ 6" 24 FLITT @ 6" 25 FLITT @ 6" 26 FLITT @ 6" 27 FLITT @ 6" 28 FLITT @ 6" 28 FLITT @ 6"		x 7/29/21		
EASE NOTE: Liability and Damagos Cartinar's liability and client's exclusive remody for a abyess. All claims including those for migrations and any other cause whatever shall be note in no event shall Cardinal be him to be mounted or consequented damages, excluding littles in vaccessore etters; out of mercial to a performance of services herounder by Cellinquished By:  Date: 7-22-2/ Time: Quality of Circle One)  Delivered By: (Circle One)  Observed Temp. "Cellinquished Temp. "Cellinquished Temp."  Corrected Temp. "Cellinquished Temp."	Received By:	tops of use, or lose of profile incurred by cheet, its substates is beseed upon any of the above whether resources or others and Results of the control of the state of the st	s are emailed. Please provide PM & etechen v.	
MINISTER - LPCS - PARE - LETTER: COPPORTED TANKS "I"				

Page 66 ot 68

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

16	·
Pot .	13
010111010	DEG

Company Name: ETECH Environmental		BILL TO		ANALYSIS REQUEST
Project Manager: Joe Lown		P.O. #:		
Address: 3100 Plains Huy		Company: ETech		
City: Loungton State: NM	Zip: 882-60	Attn:		
Phone #: 575 396 3378 Fax #:		Address:		
Project #: 14336 Project Owner	: Mentours	City:		
Project #: 14336 Project Owner Project Name: Ryger 31 Mp Fed 1 H		State: Zip:		
Project Location: Pural Eddy Co No		Phone #:		
Sampler Name: Mlace Pamin2	-	Fax#:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.  #21 1934  31 FUS @ 6  32 FUS @ 6  34 FUS @ 6  35 FUS @ 6  36 FUS @ 6  37 FUS @ 6  38 FUS @ 6  37 FUS @ 6  38 FUS @ 6  58 FUS @ 6  70 FUS @ 6	GROUNDWATER  WASTEWATER  SOIL  OIL  SLUDGE	ACID/BASE	Chlorides CAMBIEX CAMB	
Relinquished By:  Relinquished By:  Time:  Time:	secreted valued unless made in withing an extraction of the submitted by t	tous of use, or less of profits incurred by client, its subsidials is based upon any of the above state i reasons or otherse.  Verbal Reality Remark  REMARK  On CHECKED BY: (Initials)  Thermomet	e are emailed. Please pro- PM Ectechen v s:	

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

17 of 18

Page 67 of 68

Released to Imaging: 10/25/2022 2:40:36 PM

Company Name: ETECH Enviro	Labor sabal	BILL TO	ANALYSIS REQUEST
Project Manager: Soc Lowey		P.O. #:	
Address: 3100 Plains Hu		Company: EPC CS	
	State: N/M Zip: 1826	Attn:	
Phone #: 575 396 2376	Fax#:	Address:	
Project #: 14336	Project Owner: Mcwbour	OL City:	
Project Name: Puger J! M		State: Zip:	
Project Location: Pural Edy		Phone #:	
Sampler Name: Wigue I Ram	in	Fax #:	
FOR LAB USE ONLY		IATRIX PRESERV. SAMPLING	
Lab I.D. Sample  Hall934 4/ NWI 92 NW3 43 NW3 44 NW4 45 NW5 46 NW6 47 EWI 48 EW2 49 EW3 50 EW4  PLEASE NOTE: Libitily and of	CONTAINERS GROUNDWATER WASTEWATER	SOLL SLUDGE  OTHER  A CIDINA SEE  OTHER  A CIDINA S	CLARLE X CLARLE X TOPH X TOPH TOPH TOPH TOPH TOPH TOPH TOPH TOPH
	Time: beerved Temp. °C _6.9 Sample Cool corrected Temp. °C	interruptions, tops of use, or loss of graffile incurred by client, its establishments such client is based upon any of the above stated response or otherwise New Yerhall Results  New Yerhall Results  New Yerhall Results  New Yerhall Results  All Results  Turnaround (Initials)  Thermometer Correction Fig.	d Time: Standard Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Plant 13

Page 68 of 68

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 18 of 18

Company Name: ETECH Environmental		BILL T	0		ANALYSIS REQU	EST
Project Manager: Soul lowly		P.O. #:				
Address: 3100 Plains Hwy		Company: ERc				
City: Low Myton State: UM	Zip: 1126	Attn:				
Phone #: 575 396 2376 Fax #:		Address:				
Project #: 14336 Project Owne	r: Mewbourne	City:				
Project Name: Ruger JI MP Fed III		State: Zip:				
Project Location: Pural Eably CO NM		Phone #:				
Sampler Name: Wintel Rum ( 122		Fax #:			1.	
FOR LAB USE ONLY	MATRIX	PRESERV. S.	AMPLING			
Lab I.D. Sample I.D.  H211934 57 52 53 53 53 53 53 53 53 53 53 53 53 53 53	- # CONTAINERS - # CONTAINERS GROUNDWATER WASTEWATER * SOIL OIL . SLUDGE	ACID/BASE.  *A ICE / COOL  OTHER.	-	Chalagade STEX STEX TOB		-
60 WW 5	71 6	1 2 1		1 1 1		
EASE NOTE: Liability and Demagna. Cardina's lability and diserfly enclarate namedy for a chapse. All claims including those for migligence and any other cause whetherever shall be risks in the event shall be cardinal be include for enclarated an onesquential damagna, including liables or successors arming out of or related to the performance of services hore-under by Celinquished By:    Date: 7-22-37-37-37-37-37-37-37-37-37-37-37-37-37-	decement waived unless made in unling one unlined invitation, business interruptions, in Chronic magnificus of whether such claim.  Received By:  Augusta  Received By:  7. Q Sample Condition	d received by Certifical willful 30 days loss of use. or less of profile incurred is based upon any of the above with Adda by Control of the above with Control of the Checken By:	after completion of the lay client, its substitute of reasons or otherwise Verbal Rec	suit: Yes No sere emelled. Please pro	Bacteria (only) Sa	ample Condition Observed Temp. *C
Observed by. (Once One)	Cool Intact	To.			hand was	Corrected Temp. °C



October 08, 2021

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

RE: RUGER 31 MP FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 10/06/21 16:50.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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: 10/06/2021 Sampling Date: 10/05/2021

Reported: 10/08/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 55 @ 4' (H212793-01)

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	10/08/2021	ND	416	104	400	0.00	
Sample ID: FL 56 @ 4' (	H212793-02)								
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	10/08/2021	ND	416	104	400	0.00	
Sample ID: FL 57 @ 4' (	H212793-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/08/2021	ND	416	104	400	3.77	QR-03
Sample ID: FL 65 @ 4' (	H212793-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/08/2021	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 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: 10/06/2021 Sampling Date: 10/05/2021

Reported: 10/08/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact Project Number: Sample Received By: 14336 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 66 @ 4' (	H212793-05)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 67 @ 4' (	H212793-06)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 75 @ 4' (	H212793-07)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/08/2021	ND	416	104	400	3.77	

#### Sample ID: FL 76 @ 4' (H212793-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/08/2021	ND	416	104	400	3.77	

### Sample ID: FL 77 @ 4' (H212793-09)

Chloride, SM4500Cl-B	Chloride, SM4500Cl-B mg/kg			d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/08/2021	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 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: 10/06/2021 Sampling Date: 10/05/2021

Reported: 10/08/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 87 @ 4' (I	1212793-11)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/08/2021	ND	416	104	400	3.77	
	1212793-12) mg/	/kg	Analyze	d By: GM					
	•	<b>/kg</b> Reporting Limit	<b>Analyze</b> Analyzed	<b>d By: GM</b> Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B  Analyte	mg,				BS 416	% Recovery	True Value QC 400	RPD 3.77	Qualifier
Sample ID: FL 88 @ 4' (I Chloride, SM4500CI-B  Analyte  Chloride  Sample ID: FL 89 @ 4' (I	mg, Result 448	Reporting Limit	Analyzed	Method Blank		•	-		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride	mg, Result 448	Reporting Limit	Analyzed 10/08/2021	Method Blank		•	-		Qualifier
Analyte Chloride  Analyte Chloride  Sample ID: FL 89 @ 4' (I	mg, Result 448 H212793-13)	Reporting Limit	Analyzed 10/08/2021	Method Blank ND		•	-		Qualifier

#### Sample ID: FL 105 @ 4' (H212793-14)

· · · · · · · · · · · · · · · · · · ·		,							
Chloride, SM4500Cl-B mg/kg		Analyze	d By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/08/2021	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 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



#### Analytical Results For:

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

Fax To:

Received: 10/06/2021 Sampling Date: 10/05/2021

Reported: 10/08/2021 Sampling Type: Soil
Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 110 @ 5' (H212793-15)

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	10/08/2021	ND	416	104	400	3.77	

#### Sample ID: FL 111 @ 5' (H212793-16)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/08/2021	ND	416	104	400	3.77	

#### Sample ID: FL 112 @ 5' (H212793-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/08/2021	ND	416	104	400	3.77	

#### Sample ID: FL 114 @ 5' (H212793-18)

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	10/08/2021	ND	215	107	200	7.96	
DRO >C10-C28*	<10.0	10.0	10/08/2021	ND	213	107	200	0.584	
EXT DRO >C28-C36	<10.0	10.0	10/08/2021	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.1	% 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. Kune



#### Analytical Results For:

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

Fax To:

Received: 10/06/2021 Sampling Date: 10/05/2021

Reported: 10/08/2021 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 118 @ 5' (H212793-19)

Chloride, SM4500CI-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	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 72 @ 4' (	H212793-20)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 73 @ 4' (	H212793-21)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/08/2021	ND	416	104	400	3.77	
Sample ID: FL 84 @ 4' (	H212793-22)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/08/2021	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 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



#### **Notes and Definitions**

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or S-06 matrix interference's. QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. ND Analyte NOT DETECTED at or above the reporting limit RPD Relative Percent Difference Samples not received at proper temperature of 6°C or below. Insufficient time to reach temperature. Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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



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

Company Name	ETech Environmental						T		B	IL	L TO						ANA	LYSI	S RE	QUE	ST			
Project Manage	r. Joel Lowry						F	2.0.	#:															
	7 Marland						C	om	pany:	ET	Tech													
City: Hobbs	State: NM	Zip	68	240			1	ttn:								-								
Phone #: 575	-964-2880 Fax#: -						1	Addr	ess:															
Project #: 1433	Project Owne	r: M	ewb	burn	د			City:																
	Puger 31 MP Fed 1H						5	State	e:	Z	Zip:													
Project Location	n: Rural Eddy co, um				٠		F	Phor	ne #:		•		!											
Sampler Name:	n: Rural Eddy co, was	•					F	ax	F:					. 0	Į I									
FOR LAB USE ONLY					MA	TRIX		P	RESERV	4	SAMP	LING		4					1				.	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS .	GROUNDWATER	WASTEWRIER	OIL	SLUDGE	OTHER:	ICE / COOL		DATE	TIME -	Chloride	O ARM	cash.		•					-		
1	FL 55 @ 4'	C	1		Y	0	Ш		X	1	10/5/21		X	*	1									
2	FL 56 @ 4'	11	1		1			1	1	1	1			STOPPHEN WHILL	4									
3	FL 57 @4'	П	Ц					1		1				4	3									
4	FL 65@4'	Н	Ц					1		1				£	8									
5	FL 66@4'	H	Н	-			Н	+		1			111	3	1				-		-			
	FL 6704'	H	Н		-	-			-	1			Ш	8	1		-	-		-	-		-	
	FL75@4'	Н	H		-	-		-		+			$\mathbb{H}$	9	4						-			
	FL 76 @4'	11			-		H	1	-	-		-		4	1	-			-	-				
10	FL 77 @4' FL 86 @4' and Damagoos. Cardinal's liability and client's exclusive remedy for	4	1		1	1		1	1		1	by the client fo	4	4	4									

analyses. All claims including those for negligence and any other cause vivateoever shall be deemed waived unless made in writing and received by Cerdinal within 30 days after completion of the applicable durates, in no event shall Cardinal be liable for incidental or consequental damages, including without fimilation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries,

Relinquished By:	Date: Receive Fine: 10-6-21	ed By:	laker	Verbal Result: ☐ Y All Results are emailed	es  No d. Please provi	Add'l Phone #: ide Email address:	
Relinquished By:	Dete: Receiv	ed By:		REMARKS:	Defect	henvom	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4,4 Corrected Temp. °C 3,9	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor None	Standard Rush	Bacteria (only) Sample Conditi Cool Intact Observed Ten C Yet Yes No No Corrected Ten	p. °C

Page 9 of 10

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

Company Name: Etech Environment al							B	LL TO					ANA	LYSIS	S RE	QUE	ST			
Project Manager: Joel Lowry						P.O.	#:													٦
Address: 26/7 Marland						Com	pany:	Frech												.
City: 1+0 bbs State: Nh	A Zip	: 8	824	0		Attn														١
Phone #: 575-964-2680 Fax #:						Addı	ress:													1
Project #: 14336 Project Own	er: A	le w	bour			City:														- 1
Project Name: Ruger 31 Mp Fed 14						State	9:	Zip:												
Project Location: Evral Eddy Co, NM			-			Pho	ne #:													١
Sampler Name: Miquel Romine						Fax	#:	•									•			-1
FOR LAB USE ONLY				MATR	X	P	RESERV	SAMP	LING		Y							.		ı
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	DATE	TIME	(h lorsdes	TO THE PARTY OF TH	TOH						•		
11 FL'87 P4'	C	1		X			X	10/5/11		X	F	*								
12 FL 88 @4'	1	1		1			i	F		X										
13 FL 89 @4'	-11	Ш								X										
14 FL 105@41	Ш	Ш								X										
15 FL 110 @5'	-11	Ш								X										
14 FL 111 @5"	-11	Ш		1	1	+	1			13		-	-	-					-	-
17 FL 112 @5'	-11	₩								, A		~	-							-
19 = 114 (45	11	1		1						-		X		'						
20 FL 72@ 4'	1	1		V			V	10/6/21		X										

PLEASE NOTE: Liability and Damages. Cardinal's fability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the "amdunt paid by the client for the analyses. All claims including those for negligence and any other cause whistnews shall be deemed valued unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitiative.

affiliates or successors arising out of or related to the	performance of services hereunder by Cardinal regards	ess of whether such claim is based	upon any of the above stated r	d teasons or otherwise
Relinguished By	Date: , a/ Receive	ed By:	111	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	10-6-4		// // / / -	All Results are emailed. Please provide Email address:
	1	1///	1 1	The results are change. I loads provide Linan dearces.
1/	71650N /	amara Ella	132 011	
him town	1630	uneny ass	The state of the s	
Relinquished By:	./ Date: Receive	ed By:		REMARKS:
V	1/			pmaetechenv.com.
	Time:			phyweteorem. To h
	***************************************			
Delivered By: (Circle One)	Observed Temp. °C 444	Sample Condition	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
Delivered By: (Circle Olle)	Cuservau reintp. C 4.4			
The second secon		Cool Intact	(Initials)	Good intact Coocives femp.
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.9	Yes Yes		Thermometer ID #113 Yes Yes
	0.7	□ No □ No	1	Correction Factor None -0.5c   Yes   Yes   Yes   Yes   Yes   No   Corrected Temp. °C

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

Company Name:	Etech Gruironmental									BI	ILL	LTO				AN/	LYSI	S RE	QUE	ST		
Project Manager	Joel Lowry								O. #													
	17 Marland							Co	omp	any:	TI	ech		1			١.					
city: Hol	bhs State: NM	Zip	5:	82	40	)			tn:			-,			-	1						
Phone #: Cob	\$ \$75-914-280 Fax#:							Ad	idre	ss:												
Project #: 14	336 Project Owne	r: A	le	Nh	our	ne		Cit	ty:													
Project Name:	Ruger 31 MP Fed 14				*			St	ate:		Zij	ip:										
Project Location	: Rural Eddy co, was							Ph	none	#:											1	
Sampler Name:	1: Rual Eddy co, um Miguel Ramine	_ '	•					Fa	x #:						1							
FOR LAB USE ONLY		П			N	IATR	IX		PR	ESERV	4	SAMP	LING									. 1
·Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS .	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	A ICE / COOL ·		DATE	TIME	Chloryde								
21	FL 73 @4' FL 84 @4'	1	1			1.	1			A	1	0/6/21		X								
21	£ 184 64.	4	1	Ė		1		H		*		V		X		1						
						ł	t															
	n en				- 1			L											-			
1.1							1															
							1															
						-	-	1			-						-	-				
PI FASE NOTE: Lightliby an		1			the a be			d on the	1	I he finited	100 00		by the client fo									

PLEASE NOTE: Liability and Damages. Cardinatis liability and client's exclusive remody 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 causes whetherever shall be deemed walved unless made in writing and received by Ceridinal within 30 days after completion of the applicable service. In n.c. event shall Cardinal be liable for incidental or consequental damages, including without limitation, busness interruptions, loss of use of rootseriocurred by client, its subsequent.

Relinquished By:	Date: Receiv	auar A	dallar	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Receiv	ed By:		REMARKS: PM@ e fichenv.com
Delivered By: (Circle One)	Observed Temp. °C 4.4	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.9	Yes Yes	A.D.	Thermometer ID #113 Correction Factor Name -0.5°   Yes   Yes   Yes   No   No   Corrected Temp. °C



January 24, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RUGER 31 MP FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/20/22 15:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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 LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/20/2022 Sampling Date: 01/19/2022

Reported: 01/24/2022 Sampling Type: Soil

Project Name: RUGER 31 MP FED 1H Sampling Condition: Cool & Intact
Project Number: 14336 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 19 (H220235-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Analyte Result Chloride 288 16.0 01/21/2022 ND 416 104 400 3.92

Sample ID: FL 32 (H220235-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 384 16.0 01/21/2022 ND 416 104 3.92

Sample ID: FL 125 (H220235-03)

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 384 16.0 01/21/2022 ND 400 3.92 416 104

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 pervices 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



#### **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. Keine

Page 4 of 4

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FA	XX (575) 393-24	76																					
Company Nam		al & Safety Soluti	ions	, Inc	).				-	811	LL TO						ANA	LYSIS	RE	QUE	ST			
	er: Lance Crenshaw							P.O.	#:															
Address: 26	17 West Marland							Com	pany		Mewbo	ume												
City: Hobbs		State: NM	Zip:	882	240			Attn	:		Robbie Ru	nnels												
Phone #: (57	75) 264-9884	Fax #:						Add	ress:															
Project #: 14	336	Project Owner		Me	wbou	ne		City:																
Project Name:	Ruger 31 MP Fed 1H							State	e:		Zip:			SM)	21B									
Project Location	n: Rural Eddy County,	, NM						Pho	ne #:				Chloride	8	(80									
Sampler Name	Matthew Grieco							Fax	#:				3	TPH (8015M)	BTEX (8021B)									
FOR LAB USE ONLY						MATRI	X	P	RESE	RV.	SAMPL	ING	1	1	BT					İ				
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME												
1	FL19		C			X			X		1/19/22		Х											
2	FL32		С			X			X		1/19/22		Х											
3	FL125		C			X		1	X		1/19/22		Х											
							Ш																	
							ы	+		-							-			-				
			-	Н	-			+	+-	+		_	-		_	_	_			-	-	-		_
			Н	Н	-		н	+	+	+			-			-						-	-	-
			-	Н			Н	+		+						-						-	$\dashv$	-
				-	-		Н	+	-	1		-												
analyses. All claims includ	nd Damages. Cardinal's liability and clier ing those for negligence and any other or arctinal be liable for incidental or corresq ing out of or related to the parformance of	nue whiteover shalf be de ucental demages, including v of services hereunder by Ca Date: 1 - 20 - 22	vithout rdinal,	imitat regard	d unless m lon, busino	nde in writ so intorrup	ing and r	eceived to of use	by Cardi o, or loss	rail will of prof	hin 30 days alto his incurred by o	r completion of the flent, its subsidiar asons or otherwis Phone Res Fax Result	e application, e. sult: t:	Yes		No No	Add'l I	Phone #	1:					
		Time: 506  Date: Time: 7.7° C-6			Sam	ple Co	nditionet Yes	n		CKE		Please e		esults	and o	юру с	of CoC	to pm	n@etc	echen	v.com			

FORM-006 Revision 1.0

Received by OCD: 6/17/2022 2:46:13 PM



March 14, 2022

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

RE: RUGER MP 31

Enclosed are the results of analyses for samples received by the laboratory on 03/09/22 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 93 B @ 3' (H220952-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 95 B @ 3	3' (H220952-0	2)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 96 B @ 3	3' (H220952-0	3)							
=	=	=	Analyze	d By: GM					
Chloride, SM4500Cl-B	3' (H220952-0 mg, Result	/kg	<b>Analyze</b> Analyzed	•	BS	% Recovery	True Value OC	RPD	Qualifier
Sample ID: FL 96 B @ 3 Chloride, SM4500Cl-B  Analyte  Chloride	mg	=	•	d By: GM  Method Blank  ND	BS 416	% Recovery	True Value QC 400	RPD 3.92	Qualifier
Chloride, SM4500CI-B  Analyte	<b>mg</b> , Result	/kg  Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B  Analyte	mg, Result <b>416</b>	Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride  Sample ID: FL 100 B @	mg, Result <b>416</b>	Reporting Limit 16.0 04)	Analyzed 03/12/2022	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride	Result 416	Reporting Limit 16.0 04)	Analyzed 03/12/2022	Method Blank ND		,	•		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride  Sample ID: FL 100 B @ Chloride, SM4500CI-B	Result 416 3' (H220952-mg	Reporting Limit 16.0  04)	Analyzed 03/12/2022 Analyze	Method Blank ND d By: GM	416	104	400	3.92	

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: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 102 B @ 3' (H220952-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 103 B @ 3	B' (H220952-	06)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 104 B @ 3 Chloride, SM4500Cl-B	•	<b>07)</b> /kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 126 B @ 3	3' (H220952-	08)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 130 B @ 3	3' (H220952-	09)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		· -				•			•

## 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: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 131 B @ 3' (H220952-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 14	@ 3' (H220952-11	)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	416	104	400	3.92	
Sample ID: FL 15 Chloride, SM4500Cl-B	@ 3' (H220952-12	) /kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 16	@ 3' (H220952-13	)							
Chloride, SM4500Cl-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	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 17	@ 3' (H220952-14	)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	432	108	400	7.69	

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: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 18 @ 3' (H220952-15)

Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 20	@ 3' (H220952-16	5)							
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 27	@ 3' (H220952-17	<b>'</b> )							
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 28	@ 3' (H220952-18	3)							
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 29	@ 3' (H220952-19	))							
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/12/2022	ND	432	108	400	7.69	

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



#### Analytical Results For:

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

Fax To:

Received: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 30 @ 3' (H220952-20)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 31	@ 3' (H220952-21	-							
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	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 39	@ 3' (H220952-22	)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 40	@ 3' (H220952-23	)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 41	@ 3' (H220952-24	)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/12/2022	ND	432	108	400	7.69	

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:
 03/09/2022
 Sampling Date:
 03/09/2022

 Reported:
 03/14/2022
 Sampling Type:
 Soil

Reported: 03/14/2022 Sampling Type: Soil
Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)

Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 42 @ 3' (H220952-25)

Chloride, SM4500CI-B	mg	g/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 43	@ 3' (H220952-26	5)							
Chloride, SM4500Cl-B	mg	g/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 45 Chloride, SM4500Cl-B	-	<b>7</b> ) g/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 46	@ 3' (H220952-28	3)							
Chloride, SM4500Cl-B	mç	g/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 48	@ 3' (H220952-29	9)							
Chloride, SM4500Cl-B	•	, g/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/12/2022	ND	432	108	400	7.69	

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: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 50 Chloride, SM4500Cl-B	@ 3' (H220952-30	) /kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/12/2022	ND	432	108	400	7.69	
Sample ID: FL 51 Chloride, SM4500Cl-B	@ 3' (H220952-31	) /kg	Analyza	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/12/2022	ND	432	108	400	7.69	Qualifici
Sample ID: FL 58	@ 3' (H220952-32	)							
Chloride, SM4500Cl-B	ma	/ka	Analyze	d Bv: AC					
<u> </u>		/kg Reporting Limit	-	d By: AC  Method Blank	BS	% Recovery	True Value OC	RPD	Oualifier
Analyte	Result	/kg  Reporting Limit  16.0	Analyzed 03/14/2022	-	BS 416	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride, SM4500Cl-B  Analyte  Chloride  Sample ID: FL 59 Chloride, SM4500Cl-B	Result 208	Reporting Limit	Analyzed 03/14/2022	Method Blank		•	·		Qualifier
Analyte Chloride Sample ID: FL 59	Result 208	Reporting Limit	Analyzed 03/14/2022	Method Blank ND		•	·		Qualifier  Qualifier

#### Sample ID: FL 68 @ 3' (H220952-34)

	@ J (	• •							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/14/2022	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



#### Analytical Results For:

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

Fax To:

Received: 03/09/2022 Sampling Date: 03/09/2022

Reported: 03/14/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

#### Sample ID: FL 70 @ 3' (H220952-35)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/14/2022	ND	416	104	400	0.00	

#### Sample ID: FL 97 B @ 3' (H220952-36)

Chloride, SM4500CI-B

	9/	9	7111411,720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2022	ND	416	104	400	0.00	

Analyzed By: AC

#### Sample ID: FL 132 B @ 3' (H220952-37)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/14/2022	ND	416	104	400	0.00	

#### Sample ID: FL 133 B @ 3' (H220952-38)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2022	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 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



#### **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 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

Page 11 of 14

# RDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Joel lowry	P.O. #:	
Address: P.O. Box 301	Company: Mewbourne	
City: Lovington State: NM Zip: 88260	Attn:	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:	
Project #: Project Owner: Mewbourd	City:	
Project Name: Ruger MP 31	State: Zip:	218 (N)
Project Location: Carls back, NM	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Tyler Griffin	Fax #:	
FOR LAB USE ONLY MATRI	PRESERV. SAMPLING	1
G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
1 FL 936 2) 3' CII X	X 1-q-22	X
2 FL 956 D 31		
3 FL 96603'		
4 FL 100 623'		
5 FL 102603'		
4 FL 103 6231		
7 FL 109623'		
9 FL 126 6023'		
9 FL 1306 23'		
10 FL 13112 23, AA	4 4	
PLEASE NOTE: Liability and Dernages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in or analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in set	ng and received by Cardinal within 30 days after completion of t	the applicable
service. In no event shall Cardinal be listale for incidental or consequental demages, including without limitation, business interru affiliates or successors arising out of or related to the performance of services hersunder by Cardinal, regardless of whether suci	claim is based upon any of the above stated reasons or otherwi	ise.
Relinquished By:  Date: 3-9-27  Received By:	Phone Re Fax Resu	lt:    Yes    No Add'l Fax #:
Tyle 110:35 400 3	YENSON REMARKS	S:
Relinquished By: Date: Received By:		chbride only please
Time:		
Delivered By: (Circle One) 2 N 30 14 17 Sample Co	ndition CHECKED BY:	email results to pm@etechenv.com.
Cool Int	Yes (hitiats)	
Sampler - UPS - Bus - Other: 20.39	No SV	

FORM-006 Revision 1.0

Received by OCD: 6/17/2022 2:46:13 PM

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

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solu	tions	s, In	C.				Т			811	LL	TO					AN	ALYS	SIS	RE	QU	EST		
Project Manage	r. Joel Lowry							P.	0. #	:										Т			Т		
Address: P.C								Co	omp	any	: 1	104	vhour	ne	1										
City: Lovingto	on State: NM	Zip	: 88	260	)				tn:						1										
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	1429	)				Ac	ldre	ss:			-		1										
Project #: /4	1336 Project Owne	r: /	Uz.	sho	VIA			Ci	ty:						1										
			000	- 150	700			1	ate:			Zip	:			Ĩ.	21B)								
Project Location	Ruger 31 Mp Fed IH  n: Rugel Eddy co, NM  Miguel Rumbrae							Ph	one	#:					Chloride	TPH (8015M)	BTEX (8021B)								
Sampler Name:	Miguel Ramfree							Fa	x #:						흥	Ī	X								
FOR LAB USE ONLY		Γ.	Г		N	ATR	IX	-	PR	ESE	RV.	S	AMPLI	NG	1	=	BT			1					
<b>Lab I.D.</b> H220952	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		ATE	TIME											
1)	FL 14@3'	C	1	Г		X	T			X		3/	9/22		X										
12	FL 15 @ 3'	1	1			1				1		-	1		1										
13	FL 1603'	П	П												П										
14	FL 17@3'	$\Pi$	П												П										
15	FL 18 @ 3'	11	П																						
110	FL 20 @3'		П												П										
17	FL 27 @3'		П												П										
18	FL 28@3'		1																						
	Fl 2983'		1																						
	FL 30 @3'	V	1			V				¥		,	1		A										
PLEASE NOTE: Liability as	nd Damages, Cardinal's liability and client's exclusive remedy for a ing those for negligence and any other came whatsoever shall be															ablo									

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, brainess interruptions, less of use, or loss of profits incurred by client, its subskillaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: O M Received By:	Phone Result:    Yes    No    Add'l Phone #:
11/1 (7 1)	3/9/00	Fax Result:
11/1/1/1/2	THE 35 (Mal seemson	REMARKS:
	10.50 July Salvator-	Ast of the party
Relinquished By:	Date: Received By:	Chlorides only Please
	U	
	Time:	
		Please email results to pm@etechenv.com.
Delivered By: (Circle One)	20.86 HIM Sample Condition CHECKED BY:	
	Cool intact	
Sampler - UPS - Bus - Other:	Yes Yes	
	20.30 NO NO 91	

FORM-006 Revision 1.0

Received by OCD: 6/17/2022 2:46:13 PM

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

Page 12 of 14

Page 13 of 14

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				B	IL	L TO					ANALYSI	REC	QUEST		
Project Manager: Joc! Lowry		P.C	). #:											1	
Address: P.O. Box 301		Co	mpa	iny: /	ME	wbour	ne								
City: Lovington State: NM Zip: 88260		Att													
Phone #: (575) 396-2378 Fax #: (575) 396-1429		Ad	dres	s:											
Project #: 14336 Project Owner: McWbovr	u	Cit	v:												
Project Name: Ruger 31 MP Fed 1H		Sta			Z	ip:			€ SW	18					
Project Location: Rural Eddy Co, NM		1	one	#:				Chloride	TPH (8015M)	(8021B)					
Sampler Name: Might Rumine		-	(#:	-				Ĕ	I	ВТЕХ					
	IATRIX		_	SER\	V.	SAMPLI	NG		₽	B					
(G)RAB OR (C)OMP  #CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OI DEN ,	DATE	TIME								
21 FL 31@3' CI	X			X	3	19/22		X							
22 FL 39 Q3'	1			1		1		1							
23 FL 40 P31															
24 FL 41@3'															
75 FL 42@3' 26 FL 43@3'															
26 FL 43 P3'															
27 1 1 45 63'															
28 FL 46 P3'															
29 FL 41 @ 3'															
30 FL 50 @3'	V			V		V		V							
PLEASE NOTE: Liability and Damages. Cerdinal's liability and client's exclusive remedy for any claim entaing whether be energise. All claims including those for negligence and any other cause whicherover shall be deserted valeed unless miservice. In no event shall Cardinal be liabile for incidental or consequential damages, including without iteritation, busines difficults or successors entaing out of or related to the performance of services hereunder by Cardinal, regardless of whe Relinquished By:    Date   Place   Pla	de in writing ar s interruptions,	loss of is base	use, or ed upon	Cardina r loss of n any of	al within f profits f the al	in 30 days after is incurred by d bove stated rea	completion of the	no applica ries, se. sult:	□ Ye			#:			
Palinguished By: Date: Received By:	04	V	-		,		11/1	51.		1. 0	lan u.				

Sampler - UPS - Bus - Other: FORM-006

Revision 1.0

Delivered By: (Circle One)

Time:

Received by OCD: 6/17/2022 2:46:13 PM

CHECKED BY:

Sample Condition

Cool Intact Yes Yes Please email results to pm@etechenv.com.

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 14 of 14

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	(575) 393-2326 FAX (575) 393-2 e: Etech Environmental & Safety Solu	_	. Inc		-		Т		F	211	LL TO					ANA	LYS	S RI	EQUE	ST		-
	oject Manager: Joel Lowry						P.	O. #	_	_							T	1				
							C	omp	anv:	n	newbou	rre	1									
City: Lovingto	on State: NM	Zip	: 88	260				tn:			1/20 000											
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	429					ddre	ss:													
Project #: /	4336 Project Owne	r: A	106	Moun	N		City:												1			
Project Name:	Rugal 31 MP Fed 1H							ate:		2	Zip:			NS.	TPH (8015M) BTEX (8021B)				1			
Project Location	n: Rural Eddy co, NM						PI	none	#:				Chloride	801								
Sampler Name:	Rugar 31 MP Red 1H n: Rural Eddy co, NM Miguel Raminz						Fax #:					Ë	H	X								
FOR LAB USE ONLY		Ι.			MAT	RIX		PR	SER	V.	SAMPLI	NG		1	로   표							
Lab I.D. H220992	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
31	FL 51 @3'	C	I		Y				X		3/9/22		Y									
31 32 33	FL 58@3'	1	,		1				1	ľ	1		1									
33	FC 59631																					
34	FL 68@3'	11				4.				1												
35	FL 70@3'	14	1	$\vdash$	1		1		V	1	Y		V				-	-	-			
76	FL 97 603'	1}		-	1	+	+	Н	11	+	-		1	-		-	-	-	-			
37	FL 132 600 3'	4	1	-	1	-	+	H	1	+	1		-	-	$\vdash$	+-	-	+	-	-		
70	FL 3 3 600 3	У	y	$\vdash$	¥	+	+	$\vdash$	y	+	*		4	-		_	+-	+	+	-	-	
		-		-	+	+	+		+	+						-	+-	+	-			
enelyses. All claims trobatic service. In no event shall Cr effliates or successors arish Relinquished By Relinquished By	Time:	Re	t limits , regar	od entees of our of the control of t	made in made into the there is the there is the there is the	writing a rruption uch dai	m is be	nived by of use, c sed upo	CHEC	al will if prof if the	thin 30 days after this incurred by cl above stated re-	completion of the	sult:	□ Ye	rly pl	o Add'l	Phone Fax #:					

FORM-006 Revision 1.0

Received by OCD: 6/17/2022 2:46:13 PM

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



March 15, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RUGER MP 31

Enclosed are the results of analyses for samples received by the laboratory on 03/10/22 14:40.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:
 03/10/2022
 Sampling Date:
 03/10/2022

 Reported:
 03/15/2022
 Sampling Type:
 Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 78 C @ 4' (H220977-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 80 C @ 4	ŀ (H220977-0	2)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 81 D @ ! Chloride, SM4500Cl-B	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 91 C @	4' (H220977-0	<b>94</b> )							
Sample ID: FL 91 C @ Chloride, SM4500Cl-B	4' (H220977-C	=	Analyze	d By: AC					
=	-	=	<b>Analyze</b> Analyzed	d By: AC  Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500Cl-B	mg	/kg	-	-	BS 416	% Recovery	True Value QC 400	RPD 3.77	Qualifier

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: 03/10/2022 Sampling Date: 03/10/2022

Reported: 03/15/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes) Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

-	(H220977-0	-	_						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 94 D @ 5'	(H220977-0	<b>16</b> )							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 134 B @ 3 Chloride, SM4500Cl-B	' (H220977-	•	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 135 B@ 3	' (H220977-	08)							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/14/2022	ND	416	104	400	3.77	
6	. (112200== :	•••							
Sample ID: FL 136 B@ 3	(H2209//-	U <del>9</del> )							

Chloride, SM4500Cl-B		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/14/2022	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 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: 03/10/2022 Sampling Date: 03/10/2022 Reported: 03/15/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes) Sample Received By: Tamara Oldaker Project Number: 14502

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 137 B @ 3' (H220977-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/14/2022	ND	416	104	400	3.77	
Sample ID: FL 138 B @	3' (H220977-	11)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/14/2022	ND	416	104	400	3.77	

#### Sample ID: FL 139 B @ 3' (H220977-12)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/14/2022	ND	416	104	400	3.77	

#### Sample ID: FL 140 B @ 3' (H220977-13)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2022	ND	416	104	400	3.77	

### Sample ID: FL 141 B @ 3' (H220977-14)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/14/2022	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 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. Keene



#### Analytical Results For:

Etech Environmental & Safety Solutions

JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/10/2022 Sampling Date: 03/10/2022

Reported: 03/15/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: SW 5 C @ 4' (H220977-15)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/14/2022	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 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

# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Enviro	nmental & Safety Solution	ons,	Inc.				Т			BI	LL	TO						ANA	LYS	SR	EQU	EST		
Project Manager: 18 el	lowry						P	.0.	k:															
Address: P.O. Box 301							c	omp	any	/: N	lei	Nac	une											
City: Lovington	State: NM 2	Zip:	882	60				ttn:										1			1			
Phone #: (575) 396-2378	Fax #: (575) 39	6-14	29				A	ddre	ess:							1			1					
Project #: 14502	Project Owner:	M	رم.	ho	1.0			ity:											1				1	
Project Name: Ruger 1	10 31	10		NUV	~	1	1	tate:			Zip:				3	1 1	1							
	eddy county	,	N	AA.	_		-	hone			_ip.			Ę	10	805								
Sampler Name: Tyler	sriffin	1	_13	Mar			_	ax #	_		_			Chloride	TPH (8015M)	BTEX (8021B)					1			
FOR LAB USE ONLY	1	1	T	_	MAT	RIX	Į,	_	ESE	RV.	S	AMPLI	NG .	10	르	BI	1							
Lab I.D. Sami	ole I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER.	ACID/BASE:	ICE / COOL	OTHER:	0	ATE	TIME											
1 FL 78		ح	1		X			+	X	Ĭ		13-22		X						1				
2 FL 80	( 2 41	ī	i		1		T	1	T		-	1		1										
3 FL 810	105'	11	H		1			1	1															
4 FL 91	c a 4'	11	П		1		T																	
5 FL 92	105'	$\Pi$	T		13			1	1															
6 FL 94	0 51	П	П		1				П															
2 FL 134	600 31	11	П		1												1							
8 FL 135	603'	П	П						1															
9 FL 136	693'	П	I						1															
10 FL 137	600 3'	4	*		4				4		4	4		3										
PLEASE NOTE: Liability and Demages, Cardinel's field analyses. All claims including those for negligence and reservice. In no event shall Cardinel be liable for incidenta affiliates or successors arising out of or related to the par Relinquished By:  Relinquished By:  Relinquished By:	any other cause whatsoever shall be dell or consequental damages, including w formence of services hereunder by Car Date: 3-10-22 Time440	rdinal, r	imbal regard OIV	d unless ion, busi	made in ness int whether y:	writing muption	and re e, loss	of use,	or los	dinal w	ithin 30 ofts inc	O days after carried by cl a stated rea	completion of ti lent, its subsidise sons or otherse Phone Re Fax Resul REMARKS	ne applica rice, se. sult: lt: S:	de	O O		Add.	Phone Fax #	e!				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	14.7° C-6	2.5	0	Co	loc	Cond	_	1		ECK (Initi			Please e	mail	result	s to p	m@e	teche	nv.cor	n.				

FORM-006 Revision 1.0

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solu	itions, I	Inc.					BIL	LL TO						ANA	LYSI	S RE	QUE	ST			
Project Manage	. Joel lowry					P.O	. #:															
Address: P.O.						Con	npany	: M	erobor	ure												
City: Lovingto	n State: NM	Zip: 8	88260			Attn																
Phone #: (575	5) 396-2378 Fax #: (575)					Add	ress:								1							
Project #: 14	502 Project Own	r: Me	ento	our	re	City	:													- 1		
	fuger MP 31					Stat	te:		Zip:		٠	5M)	218									
	: Rural eddy conv	to.	, N	M		Pho	ne #:				Chloride	TPH (8015M)	BTEX (8021B)							- 1		
Sampler Name:	Tyler Griffin					Fax	#:				등	F	K		1							
FOR LAB USE ONLY		LI		MATI	RIX	T	PRESE	RV.	SAMPLI	NG	1	=	P P	1								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER	WASTEWATER	OIL	OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME												
1/	FL 1386 03'	4		X		П	X		3-10-22		×											
12	FL 1396 23'						1				17											
13	FL 1406 @ 3'	$\Pi$																				
14	PL 1416003'	*		*			4		*		*			_								
15	SW5C @ 4'	V		V		$\perp$	V		3/10/22		V		_	10.	3/11	1/22	-	-				_
		+			_	-	-		1		-	-	-	-	-	-	-	-		-		-
		+	+		-	-	-	$\vdash$			-	-	-	-	-	-	-	-	-			
		+	+		-	$\vdash$	+	$\vdash$			-		-	-	-	-	-	+	-	-	-	-
		++	+	-	+	$\vdash$	+	$\vdash$			-			-	-	-	-	+			-	
enalyses. All claims including service. In no overet shall for efficience or successors arised Relinquished By Relinquished By Relinquished By Delivered By:	Adlin Time:	Rec	welved unitation, is regardless elived	By:	writing and muptions, is uch claim.	on of the bear	ed by Care ne, or los d upon an	dinal wi	ithin 30 days effectiffs incurred by ci a above stated rec	completion of t lent, its subsidie	he applica rise, se. isult: lt: S:	□ Ye	GM1		Ple		1					

FORM-006 Revision 1.0



March 18, 2022

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

RE: RUGER MP 31

Enclosed are the results of analyses for samples received by the laboratory on 03/14/22 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:
 03/14/2022
 Sampling Date:
 03/14/2022

 Reported:
 03/18/2022
 Sampling Type:
 Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

4 -- - l- -- - - I D- -- CM

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 1 @ 2' (H221010-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/16/2022	ND	416	104	400	0.00	
Sample ID: FL 2 @ 2' (	H221010-02)								
Chloride, SM4500CI-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	03/16/2022	ND	416	104	400	0.00	
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte									
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	Result <b>352</b>	Reporting Limit	Analyzed 03/16/2022	Method Blank	BS 416	% Recovery	True Value QC 400	RPD 0.00	Qualifier
	352	, ,	,			•	·		Qualifier
Sample ID: FL 4 @ 2' (	352	16.0	03/16/2022			•	·		Qualifier
Sample ID: FL 4 @ 2' (Chloride, SM4500Cl-B	352 H221010-04)	16.0	03/16/2022	ND		•	·		Qualifier Qualifier
Sample ID: FL 4 @ 2' ( Chloride, SM4500CI-B	352 H221010-04) mg,	16.0	03/16/2022 Analyze	ND d By: GM	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. Keene



400

0.00

#### Analytical Results For:

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

Fax To:

Received: 03/14/2022 Sampling Date: 03/14/2022

Reported: 03/18/2022 Sampling Type: Soil Project Name: RUGER MP 31 Sampling Condition: \*\*(

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

528

16.0

#### Sample ID: FL 5 @ 2' (H221010-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	03/16/2022	ND	416	104	400	0.00	
Sample ID: FL 6 @ 2' (I	1221010-06)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

03/17/2022

#### Sample ID: FL 7 @ 2' (H221010-07)

Chloride

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	03/17/2022	ND	416	104	400	0.00	

ND

416

104

#### Sample ID: FL 9 @ 2' (H221010-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	03/17/2022	ND	416	104	400	0.00	

#### Sample ID: NW 1 @ 2' (H221010-09)

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	03/17/2022	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. Keene



#### Analytical Results For:

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

Fax To:

 Received:
 03/14/2022
 Sampling Date:
 03/14/2022

 Reported:
 03/18/2022
 Sampling Type:
 Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

272

16.0

#### Sample ID: NW 2 @ 2' (H221010-10)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/17/2022	ND	416	104	400	0.00	
•	1221010-11)	_							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/17/2022	ND	416	104	400	0.00	
Sample ID: FL 21 @ 2' (	H221010-12)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/17/2022	ND	416	104	400	0.00	
Sample ID: FL 22 @ 2' (	H221010-13)								
Chloride, SM4500CI-B	mg/		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

#### Cardinal Laboratories \*=Accredited Analyte

ND

416

104

03/17/2022

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

Chloride

Celey D. Keene, Lab Director/Quality Manager

0.00

400



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	The second liverage and the se	mental & Safety Solu	_	s, Inc	·					BI	ILL	TO						ANA	LYSI	SR	EQUE	ST		
Project Manager	r. Joel	lowry						P.(	0. #:															
Address: P.O.								Co	mpa	any:	Me	aubou	rre					1						
City: Lovingto	on	State: NM	Zip	: 88	260			Att	tn:															
Phone #: (575	5) 396-2378	Fax #: (575)	396-	1429				Ad	dres	ss:														
Project #:   4	502	Project Owne	er:	Me	wla	our	m.	Cit	ty:															
Project Name:	Ruger								ate:		Zij	p:			2W	21B								
Project Location	1: Rural	eddy (	2 00 1	~	Ly	Nav		Ph	one	#:				Chloride	TPH (8015M)	BTEX (8021B)								
Sampler Name:	Tyler	Griffin	,,,,					Fa	x #:					흥	Ī	E								
FOR LAB USE ONLY	,		T	Т		MATI	RIX		PRE	SERV	1	SAMPLI	VG	1	1	B								
<b>Lab I.D.</b> H721010	Samp	le I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:		DATE	TIME											
1	F2 1 a	12'	C	1		X						-14-22		X										
Ż	EL 2 à	12'	11	1		1						1		*										
3	FL 3 O	12'		$\Pi$		)					Г													
4	FLA ?	22,																						
5	F2 5	22'	1/																					
6	FL 6	X2.	II	$\Pi$																				
7		2.	$\mathbb{I}$	11																				
8	F29 0	2,	$\Pi$																					
9	NW1	22'		П							L													
10	NW2	52.	V	4		4						Y		V										
PLEASE NOTE: Liability an analyses. All claims includin	nd Damages, Cardinal's liability ng those for negligence and ar	and client's exclusive remedy for ny other cause whatsoever shall be	any clai deam	en arfoli ed walv	ig wheth ed unles	er based in s made in v	contract witing are	or tor	t, shall I ared by	be limited Cerdinal	to the	amount paid 30 days after	by the client for completion of the	the te applica	ble									
service. In no event shall Co affiliates or successors arisin Relinquished By	ardinal be liable for incidental or agout of or related to the perfe	or consequental damages, includi ormance of services hereunder by	Cardine	ut limb d, rege	ition, but releas of	iktese inter whether s	ruptions, i ch claim	is bas	twe, a	r loss of p in any of t	he ab	incurred by cl ove stated rea	iont, its subsidier sons or otherwis	ries, 10.										
Relinquished By	<b>y</b> :	Date:	R	ecei	ved B	y:			1	11	,,		Phone Re-	sult:	□ Ye		No No		Phone Fax #:					
Tim	l. 7	Date: 3-14-22 Time: 5700			10	1110	40	1	111	fol	10	0	REMARKS		U 16	- L	2 160	Parti	V MA IV.					
Relinguished By	James .	Date:	R	cei	ved B	MU	ur	4	w	097	7		-	lake.	rid		(20)	>1						
,,,	,	Time:	-			-								, , , , ,	1011		V							
				-									Please e	mail r	esult	s to p	m@e	eteche	ıv.con	n.				
Delivered By:	(Circle One)	21.7°) C-6	0.5	6	C	ool Ir	tact	-		CHECI (Ini	KED tials													
Sampler - UPS	- Bus - Other:	21.2:	#1	13	Ī	Yes	Yes	5	,	46		_												

FORM-006 Revision 1.0

Received by OCD: 6/17/2022 2:46:13 PM

Page 6 of 7

Page 7 of 7

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmenta	al & Safety Soluti	ons,	, Inc				T		1	3 <i>1L</i>	L TO						ANA	LYSI	S RI	EQUI	EST			
Project Manager	Joel	lower						P.	0.#	:															
Address: P.O.	Box 301							Co	omp	any:	19	ewbou	He .												
City: Lovington	n	State: NM	Zip:	882	260			1	tn:					1				1				1			
Phone #: (575	396-2378	Fax #: (575) 39	96-1	429				Ac	idre	SS:															
Project #: ) A	502	Project Owner	:					Ci	ty:							-									
	Ruger MP	31							ate:		7	Žip:		0	SM)	218									
Project Location	: Rural edd	he coun	4	,	NW	1		Ph	one	#:				Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Tyler Grif	tiv	-7					Fa	x #:					흥	Ī	X		1			1				
FOR LAB USE ONLY				П		MAT	RIX		-	ESEF	RV.	SAMPLI	NG	1	F	BT									
<b>Lab I.D.</b> H221010	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	100	OIL	OTHER:	ACID/BASE:		OTHER:	DATE	TIME												
11	NW3 2 2	4	C	1		X	-			×		3-14-22		X	/										
12	FL 21ea'			1								1		/		a	della		7	1					
13	FL 22 @2'			1		1								V		04	1		311	4/4					
				Ц							1														
				Н		$\sqcup$	-	1			4			_		_		-			-	-			_
				Н	4	-	4	-		1	4						-	-	-		+-	+-			_
				Н		-	-	+	⊢	$\Box$	+			$\vdash$		-	+-	-	-	-	+	-	$\vdash$		_
			$\vdash$	Н	-	$\vdash$	+	+		$\vdash$	+			-			+-	-	-		+	+		-	_
			Н	Н	+		-	-	-	+	+					-	+-	$\vdash$	+	-	+	+	$\vdash$	-	_
analyses. All claims including service. In no event shall Car affiliates or successors arising	Damages, Cardina's liability and clier g those for negligence and any other or dinal be liable for incidental or conseq g out of or related to the performance o	suse whetsoever shall be d wented damages, including of services hereunder by Ca	eemed without irdinal,	i venive t fimitut regard	d unless ion, busin less of w	made in tess inte hether s	writing a maptions	nd rece , loss o	rived by	y Cardir or loss :	sal witi of proi	hin 30 days after Its incurred by o	r completion of the lent, its subsidier mons or otherwis	he applica ries, se.											
Relinquished By	Salla	Date: 3-14-22 Time: 15-80	Red	ceiv	ed By	a lat	4	4	U	da	1	Len	Phone Re Fax Resul REMARKS	lt:	☐ Ye		No No		Phone Fax #:	#:					
Relinquished By	. 70	Date: Time:	Rei	ceiv	ed By	<i>i</i> :						)	Please e						x con						
Delivered By:	(Circle One) 21	7: ) C-1	9.5	C	0-	nple (	Condi	tion				D BY:			Journ	to p									
Sampler - UPS		21.20	#	113		Yes	Ye	28			nitia 														

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



March 22, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RUGER MP 31

Enclosed are the results of analyses for samples received by the laboratory on 03/18/22 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:
 03/18/2022
 Sampling Date:
 03/18/2022

 Reported:
 03/22/2022
 Sampling Type:
 Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

4 -- - l- -- - - I D- -- CM

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 4 @ 3' (H221095-01)

Chi---id- CM4E00CL D

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: FL 5 @ 3' (H	221095-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/21/2022	ND	416	104	400	3.77	
Chloride, SM4500Cl-B	<b>mg</b> Result	/kg		ed By: GM  Method Blank	BS	% Recovery	Truo Valuo OC	RPD	Qualifier
Analyte		Reporting Limit	Analyzed			,	True Value QC		Qualifier
Chloride	128	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: FL 7 @ 3' (H	221095-04)								
Chloride, SM4500CI-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	03/21/2022	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 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: 03/18/2022 Sampling Date: 03/18/2022

Reported: 03/22/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)

Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 9 @ 3' (H221095-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: FL 11 @ 3' (I	1221095-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: FL 12 @ 3' (I	1221095-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: FL 13 @ 3' (I	1221095-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/21/2022	ND	416	104	400	3.77	
Sample ID: NW 4 A @ 3	' (H221095-0	9)							
Chloride, SM4500Cl-B	-	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/21/2022	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 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. Keine

PM

6/17/2022

Received by OCD:

# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

#### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 BILL TO Etech Environmental & Safety Solutions, Inc. **ANALYSIS REQUEST** Company Name: Joel Project Manager: P.O. #: DUTY Address: P.O. Box 301 Company: Newbourne Lovington State: NM Zip: 88260 Attn: Phone #: (575) 396-2378 Fax #: (575) 396-1429 Address: Project Owner: Mewbourre Project #: City: BTEX (8021B) TPH (8015M) Project Name: State: Zip: Chloride **Project Location:** county, NM Phone #: Sampler Name: Fax #: MATRIX PRESERV. SAMPLING FOR LAB USE ONLY G)RAB OR (C)OMP SROUNDWATER NASTEWATER Sample I.D. ICE / COOL Lab I.D. ACID/BASE SLUDGE OTHER: OTHER SOIL H77.109 DATE TIME 3-18-22 6 PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the

alyses. All claims including those for negligence and any other cause whetecover shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable ervice. In no event shall Cardinal be lighte for incistental or consequental damages, including without limitation, business interruptions, less of use, or less of profits incurred by client, its subsidieries, ifflietes or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above statud reasons or otherwise

Relinquished By:	Date: 14-22	Received By:		Phone Result:	☐ Yes	□ No	Add'l Phone #:	
- 0 -11	3-18-66	1	11111	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
Tyler Dullin	Time:	Inware C.	ldat &	REMARKS:				
Relinquished By:	Date:	Received By:	1	Chlori	de o	W/Y	please!	
	Time:			Please email	results to	pm@e	techenv.com.	
Delivered By: (Circle One)	62) C-	O. Sc Sample Condition	CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other:	2310	Yes Yes	VO -					

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 5 of



March 23, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RUGER MP 31

Enclosed are the results of analyses for samples received by the laboratory on 03/21/22 15:50.

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

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

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

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:
 03/21/2022
 Sampling Date:
 03/21/2022

 Reported:
 03/23/2022
 Sampling Type:
 Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 26 @ 2' (H221114-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/22/2022	ND	432	108	400	0.00	
Sample ID: FL 35 @ 2' (	-								
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	03/22/2022	ND	432	108	400	0.00	
Sample ID: El 36 @ 2'()	U22444 02\								
Sample ID. LE 30 @ 2 (	NZZIII4-U3)								
•	mg,	/kg	Analyze	d By: AC					
Sample ID: FL 36 @ 2' (Inchide, SM4500Cl-B	-	/kg Reporting Limit	<b>Analyze</b> Analyzed	d By: AC  Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg,		-	-	BS 432	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride, SM4500CI-B  Analyte	Result	Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride	Result	Reporting Limit	Analyzed 03/22/2022	Method Blank		,	•		Qualifier
Chloride, SM4500Cl-B  Analyte  Chloride  Sample ID: FL 37 @ 2' (li	mg, Result 112 H221114-04)	Reporting Limit	Analyzed 03/22/2022	Method Blank ND		,	•		Qualifier

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: 03/21/2022 Sampling Date: 03/21/2022

Reported: 03/23/2022 Sampling Type: Soil

Project Name: RUGER MP 31 Sampling Condition: \*\* (See Notes)
Project Number: 14502 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

#### Sample ID: FL 38 @ 2' (H221114-05)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC													
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier								
Chloride	112	16.0	03/22/2022	ND	432	108	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 of 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

Page 5 of 5

# ARDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name	Etech Environmental & Safety Solut	-	, Inc	2.				T			B	ILI	LTO			-		-	ANA	LYSI	SR	EQU	EST			
Project Manager: Jack Lawry									P.O. #:									T	T			T	T			
Address: P.O								Company: Mewbourne						1												
City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429								Attn: Address:																		
Project #:  4	502 Project Owner	: 1	Me	w)	CW	re		C	ity:								-									
Project Name:	Ruger Mp 31	•						S	tate	:		Zi	p:			SM)	21B									
Project Location		N	eu		M	ZY S	(1)	P	hon	e #					Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Tuler Griffin					chai			ax i	k:					등	I	X									
FOR LAB USE ONLY	7	T.			M	ATF	ЯХ		PI	RES	ERV		SAMPLI	NG .		F	B									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SECONDE.	ACID/BASE	ICE / COO!	OTHER:		DATE	TIME												
H221114 - 1	FL 26 D 2'	4	1			X				1		3	-21-2		K											
2 3	FL 35 22'	1	1			1							j													
3	H 36 22'	1	Ш									L														
4	FL 3702'	4	1			1	1	-	1	-	-	L			1		-	+	-			-	+	-		-
5	FL 38 02'	4	4	_		7	+	+	-	+	+	1	7		4	-	-	+	-		-	+	+	-	+	-
		-		L	-	+	+	+-	+	+	+	1			-	-	+-	+	+-	-	-	+	+	+	+	_
		H		-	+	+	+	+	+	+	+	H			-	-	+-	+	+		-	+	+	+	+	-
		$\vdash$		-	-	+	+	+	+	+	+	Ͱ			-	-	+	+	-	-	-	+	+	+	+	-
		$\vdash$			-	+	+	+	+	+	+	┢			-		+	+	+		-	+	+	+	+	-
analyses. All claims include service. In no event shall Co- difficates or successors arised Relinquished By Relinquished By Delivered By:	Settle 3-21-22 Time: 1550	Re	d water at limit in regarding to the control of the	red and red	By:	de in w	ch chai	ition	colyada of uses	by Co., or lo	HECI	KED tials	a 30 days siles incomed by d sove stated re-	completes of the constitution of the constitutions or otherwise Phone ReFax Resultations REMARKS	sult:	O Y	es [	-	Add'i		•					

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 118446

#### **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	118446
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Closure Report is approved. On future reports, all samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. To deviate from the rule, we need a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment. If	10/25/2022
	this is not accomplished on future reports, the closure will be denied.	