Received by OCD: 7/1/2022 11:50:27 AM Form C-141 State of New Mexico

Oil Conservation Division

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Incident ID	nAPP2208047071
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>105</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🖌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🖌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🖌 Yes 🗌 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ✓ Field data
- Data table of soil contaminant concentration data
- \checkmark Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- \checkmark Photographs including date and GIS information
- ✓ Topographic/Aerial maps
- ✓ Laboratory data including chain of custody

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

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regulations all operators a public health or the enviro failed to adequately invest		notifications and perform c he OCD does not relieve the threat to groundwater, surfa	orrective actions for release e operator of liability sho ace water, human health liance with any other fee 2_	ases which may endanger ould their operations have or the environment. In
OCD Only Received by:		Date:		

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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.

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

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

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Remediation Summary & Soil Closure Request

G and C Service White Federal #1

Lea County, New Mexico Unit Letter "O", Section 5, Township 18 South, Range 32 East Latitude 32.771109 North, Longitude 103.786204 West NMOCD Reference No. nAPP2208047071

Prepared By:

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

Ben J. Arguijo

Joel

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

.

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- Appendix C Photographic Log
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1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of G and C Service, has prepared this Remediation Summary & Soil Closure Request for the release site known as the White Federal #1. Details of the release are summarized below:

Latitude:	32.771109	Longitude:	-103.786204			
		vided GPS are in WGS84 format.				
Site Name:	White Federal #1	Site Type:	Well Head			
Date Release Discover	red: 11/12/2021	API # (if applicab	le): 30-025-29571			
Unit Letter Se	ection Township	Range	County			
"O"	5 18S	32E	Lea			
urface Owner: S	tate X Federal Trib	and Volume of Re				
X Crude Oil	Volume Released (bbls)	Unknown	Volume Recovered (bbls) 0			
X Produced Water	Volume Released (bbls)	Unknown	Volume Recovered (bbls) 0			
	Is the concentration of tot (TDS) in the produced wa		X Yes No N/A			
Condensate	Volume Released (bbls)		Volume Recovered (bbls)			
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)			
Other (describe)	Volume/Weight Released		Volume/Weight Recovered			
Cause of Release: There was communic	ation between the White Fee	deral # 1 and an adjacent	wellbore that was being completed.			
		Initial Response				
X The source of the	release has been stopped.					
X The impacted area	a has been secured to protect h	numan health and the envir	ronment.			
	have been contained via the u	use of berms or dikes, abso	orbent pad, or other containment devices			
X Release materials						

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 halfmile radius of the White Federal #1 release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on April 1, 2022, an investigative soil boring/temporary monitor well was drilled at the site in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet below ground surface (bgs) and left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment. The location of the investigative soil bore/temporary monitor well is depicted in Figure 2. A drilling log is provided in Appendix B.

What is the shallowest depth to groundwater beneath the area affected by the release?	>105'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	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, depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Jalapeno RP are as follows:

Probable Depth to Groundwater	Constituent	Constituent Laboratory Analytical Method				
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600		
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100		
>105'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A		
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10		
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50		

* Measured in milligrams per kilogram (mg/kg)

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

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

4.0 **REMEDIATION ACTIVITIES SUMMARY**

On March 22, 2022, remediation activities commenced 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 onsite, 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.

On March 23, 2022, Etech collected 10 confirmation soil samples (EW 1, EW 2, SW 1, SW 2, WW 1 through WW 4, FS 1 @ 6', and FS 2 @ 2') from the sidewalls and 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, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL) in a majority of the soil samples, with the exceptions of samples WW 3 and FS 1 @ 6', which exhibited TPH concentrations of 25.3 mg/kg and 213 mg/kg, respectively. Chloride concentrations ranged from less than the laboratory MDL (EW 1, EW 2, and SW 2) to 176 mg/kg (FS 1 @ 6').

On March 24, 2022, Etech collected nine (9) confirmation soil samples (EW 3, EW 4, WW 5, and FS 3 @ 2' through FS 8 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were below the applicable laboratory MDL in a majority of the soil samples, with the exceptions of samples WW 5 and FS 4 @ 2', which exhibited TPH concentrations of 30.1 mg/kg and 20.3 mg/kg, respectively. Chloride concentrations ranged from less than the laboratory MDL (EW 3, WW 5, FS 3 @ 2', and FS 6 @ 2') to 80.0 mg/kg (FS 4 @ 2').

On March 28, 2022, Etech collected 19 confirmation soil samples (NW #1, EW #5, EW #6, EW #7, SW #3, SW #4, WW #6 through WW #9, and FS 9 @ 3' through FS 17 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX and TPH concentrations were below the applicable NMOCD Reclamation Standards. BTEX and TPH concentrations were below the applicable laboratory MDL in a majority of the soil samples, with the exceptions of samples SW #3, FS 12 @ 3', FS 14 @ 6', FS 15 @ 2', and FS 16 @ 2', which exhibited TPH concentrations ranging from 28.1 mg/kg (FS 16 @ 5') to 311 mg/kg (SW #3). Chloride concentrations ranged from 32.0 mg/kg (NW #1, EW #7, WW #8, FS 10 @ 3', and FS 15 @ 2') to 112 mg/kg (SW #3, WW #9, and FS 16 @ 2').

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples SW #3 and FS 15 @ 2', which exceeded the NMOCD Reclamation Standard for TPH.

On March 31, 2022, Etech collected 10 confirmation soil samples (SW 3A, FS 15 @ 3', and FS 18 @ 2' through FS 25 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX concentrations were less than the laboratory MDL in each of the soil samples. TPH concentrations ranged from 37.0 mg/kg (FS 22 @ 1') to 593 mg/kg (FS 24 @ 1'). Chloride concentrations ranged from 32.0 mg/kg (FS 22 @ 1') to 176 mg/kg (FS 24 @ 1').

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples SW 3A, FS 15 @ 3', FS 18 @ 2' through FS 21 @ 1', FS 23 @ 1', FS 24 @ 1', and FS 25 @ 1', which exceeded the NMOCD Reclamation Standard for TPH.

On April 1, 2022, Etech collected 10 confirmation soil samples (NW #2 and FS 26 @ 3' through FS 34 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX concentrations were less than the laboratory MDL in each of the soil samples. TPH concentrations ranged from 11.1 mg/kg (FS 31 @ 1') to 411 mg/kg (FS 26 @ 3'). Chloride concentrations ranged from 64.0 mg/kg (FS 28 @ 1') to 304 mg/kg (FS 32 @ 8").

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NW #2 and FS 26 @ 3' through FS 29 @ 1', which exceeded the NMOCD Reclamation Standard for TPH.

On April 4, 2022, Etech collected 16 confirmation soil samples (FS #35 @ 1' through FS #50) from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard and the laboratory MDL, with the exception of soil sample FS #49, which exhibited a concentration of 0.329 mg/kg. GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil sample FS #49 and ranged from 33.8 mg/kg (FS #35 @ 1') to 1,510 mg/kg (FS #49). TPH concentrations ranged from 33.8 mg/kg (FS #35 @ 1') to 1,767 mg/kg (FS #49). Chloride concentrations ranged from 80.0 mg/kg (FS #37 @ 8", FS #42 @ 8", FS #43 @ 8", and FS #48) to 672 mg/kg (FS #40 @ 8").

Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FS #49.

On April 5, 2022, Etech collected 10 confirmation soil samples (FS #51 @ 8" through FS #60 @ 8") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard and the laboratory MDL. GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil sample FS #56 @ 8" and ranged from 93.2 mg/kg (FS #60 @ 8") to 1,400 mg/kg (FS #56 @ 8"). TPH concentrations ranged from 107 mg/kg (FS #60 @ 8") to 1,689 mg/kg (FS #56 @ 8"). Chloride concentrations ranged from 96.0 mg/kg (FS #59 @ 8") to 1,440 mg/kg (FS #57 @ 8").

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS #56 @ 8", as well as FS #57 @ 8", which exceeded the NMOCD Reclamation Standard for TPH.

On April 6, 2022, Etech collected 30 confirmation soil samples (FS #61 @ 8" through FS #90 @ 8") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard and the laboratory MDL. GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil samples FS #66 @ 8", FS #69 @ 8", FS #80 @ 8", and FS #83 @ 8" and ranged from less than the laboratory MDL (FS #61 @ 8", FS #62 @ 8", FS #70 @ 8", FS #71 @ 8", FS #75 @ 8" through FS #78 @ 8", FS #81 @ 8", FS #88 @ 8", FS #89 @ 8", and FS #90 @ 8") to 6,350 mg/kg (FS #69 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil sample FS #69 @ 8" and ranged from less than the laboratory MDL (FS #61 @ 8", and FS #90 @ 8", FS #81 @ 8", FS #88 @ 8", FS #89 @ 8", and FS #90 @ 8", and ranged from less than the laboratory MDL (FS #61 @ 8", and FS #90 @ 8") to 6,350 mg/kg (FS #69 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil sample FS #69 @ 8" and ranged from less than the laboratory MDL (FS #61 @ 8", FS #81 @ 8", FS #88 @ 8", FS #71 @ 8", FS #75 @ 8" through FS #78 @ 8", FS #81 @ 8", FS #88 @ 8", FS #89 @ 8", and FS #90 @ 8") to 6,350 mg/kg (FS #69 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil sample FS #69 @ 8" and ranged from less than the laboratory MDL (FS #61 @ 8", FS #81 @ 8", FS #70 @ 8", FS #71 @ 8", FS #75 @ 8" through FS #78 @ 8", FS #81 @ 8", FS #88 @ 8", FS #89 @ 8", and FS #90 @ 8") to 8,530 mg/kg (FS #69 @ 8"). Chloride concentrations ranged from less than the laboratory MDL (FS #61 @ 8", FS #76 @ 8", FS #76 @ 8", FS #77 @ 8", and FS #78 @ 8") to 2,280 mg/kg (FS #66 @ 8").

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS #66 @ 8", FS #69 @ 8", FS #80 @ 8", and FS #83 @ 8", as well as FS #65 @ 8", FS #67 @ 8", and FS #86 @ 8", which exceeded the NMOCD Reclamation Standard for TPH.

On April 7, 2022, Etech collected 34 confirmation soil samples (FS 91 @ 8" through FS 124 @ 8") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard and the laboratory MDL in a majority of the soil samples, with the exceptions of samples FS 93 @ 8", FS 95 @ 8", FS 110 @ 8", FS 119 @ 8", FS 121 @ 8", and FS 124 @ 8", which exhibited concentrations ranging from 0.404 mg/kg (FS 93 @ 8") to 1.36 mg/kg (FS 119 @ 8"). GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil samples FS 94 @ 8", FS 95 @ 8", FS 110 @ 8", FS 110 @ 8", FS 112 @ 8", FS 112 @ 8", FS 199 @ 8", FS 105 @ 8", FS 108 @ 8", and FS 116 @ 8") to 5,552 mg/kg (FS 124 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil samples FS 95 @ 8", and FS 124 @ 8" and ranged from 32.0 mg/kg (FS 98 @ 8", FS 99 @ 8", FS 105 @ 8", FS 105 @ 8", FS 107 @ 8", FS 107 @ 8", FS 108 @ 8", And FS 116 @ 8") to 6,702 mg/kg (FS 124 @ 8"). Chloride concentrations ranged from 32.0 mg/kg (FS 100 @ 8", FS 108 @ 8", And FS 116 @ 8") to 3,800 mg/kg (FS 124 @ 8").

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS 94 @ 8", FS 95 @ 8", FS 110 @ 8", FS 112 @ 8", FS 119 @ 8", FS 121 @ 8", and FS 124 @ 8", as well as FS 113 @ 8" and FS 120 @ 8", which exceeded the NMOCD Reclamation Standard for TPH.

On April 8, 2022, Etech collected 25 confirmation soil samples (NW 2, NW 3, EW 8 through EW 12, WW 10 through WW 13, FS 125 @ 8" through FS 138 @ 8") 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 chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard and the laboratory MDL in a majority of the soil samples, with the exceptions of samples FS 131 @ 8", FS 137 @ 8", and FS 138 @ 8", which exhibited concentrations ranging from 0.382 mg/kg (FS 135 @ 8") to 6.21 mg/kg (FS 138 @ 8"). GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil samples EW 11, FS 125 @ 8", FS 131 @ 8", FS 135 @ 8", FS 137 @ 8", and FS 138 @ 8" and ranged from less than the laboratory MDL (NW 2, NW 3, WW 10, and WW 11) to 5,384 mg/kg (FS 138 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil samples FS 131 @ 8" and FS 138 @ 8" and ranged from less than the laboratory MDL (NW 2, NW 3, WW 10, and WW 11) to 5,384 mg/kg (FS 138 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil samples FS 131 @ 8" and FS 138 @ 8" and ranged from less than the laboratory MDL (W 2, NW 3, WW 10, and WW 11) to 5,384 mg/kg (FS 138 @ 8"). TPH concentrations exceeded the NMOCD Closure Criterion in soil samples FS 131 @ 8" and FS 138 @ 8" and ranged from less than the laboratory MDL (W 2, NW 3, WW 10, and WW 11) to 6,394 mg/kg (FS 138 @ 8"). Chloride concentrations ranged from 32.0 mg/kg (NW 2, NW 3, and WW 12) to 4,800 mg/kg (EW 9).

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples EW 11, FS 125 @ 8", FS 131 @ 8", FS 135 @ 8", FS 137 @ 8", and FS 138 @ 8", as well as WW 13, FS 129 @ 8", and FS 134 @ 8", which exceeded the NMOCD Reclamation Standard for TPH.

On April 11, 2022, Etech collected 40 confirmation soil samples (SW 3B, FS 15 @ 4', FS 18 @ 3' through FS 21 @ 2', FS 23 @ 2', FS 24 @ 2', FS 25 @ 2', FS 49 @ 1.5', FS 56 @ 1.5', FS 57 @ 1.5', and FS 139 @ 2' through FS 166 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX concentrations were less than the laboratory MDL in each of the soil samples. TPH concentrations ranged from less than the laboratory MDL (SW 3B, FS 20 @ 2', FS 23 @ 2', FS 24 @ 2', FS 49 @ 1.5', FS 56 @ 1.5', FS 139 @ 2', FS 142 @ 2', FS 145 @ 2', FS 147 @ 2', FS 155 @ 2', and FS 156 @ 2') to 152.3 mg/kg (FS 148 @ 2'). Chloride concentrations ranged from 16.0 mg/kg (FS 146 @ 2', FS 149 @ 2', FS 155 @ 2', FS 155 @ 2', FS 157 @ 2', and FS 159 @ 2') to 64.0 mg/kg (FS 142 @ 2', FS 143 @ 2', FS 147 @ 2', and FS 150 @ 2').

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS 25 @ 2', FS 148 @ 2', and FS 163 @ 2', which exceeded the NMOCD Reclamation Standard for TPH.

On April 12, 2022, Etech collected 20 confirmation soil samples (FS 65 @ 1.5', FS 66 @ 1.5', FS 67 @ 1.5', FS 69 @ 1.5', FS 80 @ 3', FS 83 @ 1.5', FS 86 @ 1.5', and FS 167 @ 2' through FS 179 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX concentrations were less than the laboratory MDL in each of the soil samples. TPH concentrations ranged from less than the laboratory MDL (FS 167 @ 2' through FS 177 @ 2', and FS 179 @ 2') to 735 mg/kg (FS 83 @ 1.5'). Chloride concentrations ranged from 16.0 mg/kg (FS 168 @ 2', FS 170 @ 2', FS 174 @ 2', and FS 176 @ 2') to 96.0 mg/kg (FS 167 @ 2', FS 169 @ 2', and FS 178 @ 2').

On April 13, 2022, Etech collected 40 confirmation soil samples (FS 94 @ 2', FS 95 @ 2', FS 110 @ 2', FS 112 @ 2', FS 113 @ 2', FS 119 @ 2', FS 120 @ 2', FS 121 @ 2', FS 124 @ 2', and FS 180 @ 2' through FS 210 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and chloride concentrations were also below the applicable NMOCD Reclamation Standards. BTEX concentrations were less than the laboratory MDL in each of the soil samples. TPH concentrations ranged from less than the laboratory MDL (FS 181 @ 2' through FS 190 @ 2', FS 192 @ 2', FS 193 @ 2', FS 195 @ 2' through FS 198 @ 2', FS 183 @ 2', FS 186 @ 2', FS 187 @ 2', FS 190 @ 2', FS 192 @ 2', FS 193 @ 2', and FS 198 @ 2') to 96.0 mg/kg (FS 209 @ 2' and FS 210 @ 2').

Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS 180 @ 2', FS 191 @ 2', FS 194 @ 2', FS 199 @ 2', FS 205 @ 2', and FS 207 @ 2', which exceeded the NMOCD Reclamation Standard for TPH.

On April 19, 2022, Etech collected 10 confirmation soil samples (EW 11A, WW 13A, FS 25 @ 3', FS 125 @ 1.5', FS 129 @ 1.5', FS 131 @ 1.5', FS 134 @ 1.5', FS 135 @ 1.5', FS 137 @ 1.5', and FS 138 @ 1.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated GRO+DRO concentrations exceeded the NMOCD Closure Criterion in soil sample FS 129 @ 1.5' and ranged from less than the laboratory MDL (FS 25 @ 3') to 1,010 mg/kg (FS 129 @ 1.5'). TPH concentrations were below the NMOCD Closure Criterion in each of the submitted soil samples and ranged from less than the laboratory MDL (FS 25 @ 3') to 1,296 mg/kg (FL 129 @ 1.5').

Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FS 129 @ 1.5'.

On April 20, 2022, Etech collected 12 confirmation soil samples (FS 26 @ 3' through FS 29 @ 3', FS 148 @ 3', FS 163 @ 3', FS 180 @ 3', FS 191 @ 3', FS 194 @ 3', FS 199 @ 3', FS 205 @ 3', and FS 207 @ 3') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criterion, NMOCD Reclamation Standard, and laboratory MDL in each of the submitted soil samples.

On April 26, 2022, Etech collected one (1) confirmation soil sample (FS 129 @ 2.5') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated the TPH concentration was below the NMOCD Closure Criterion, NMOCD Reclamation Standard, and laboratory MDL.

The final dimensions of the excavated area were approximately 190 to 382 feet in length, 10 to 224 feet in width, and eight (8) inches to six (6) feet in depth. During the course of remediation activities, Etech transported approximately 2,808 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 2,504 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

5.0 **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 G and C Service provide copies of this Remediation Summary & Soil Closure Request to the appropriate agencies and request closure be granted to the White Federal #1 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 G and C Service. Use of the information contained in this report is prohibited without the consent of Etech and/or G and C Service.

8.0 **DISTRIBUTION**

G and C Service

P.O. Box 1618 Artesia, NM 88211-1618

Mewbourne Oil Company

4801 Business Park Blvd. Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department

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

United States Department of the Interior

Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

Figure 1 Topographic Map

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Figure 2 Aerial Proximity Map

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Figure 3 Site & Sample Location Map

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Table 1Concentrations of BTEX, TPH & Chloride in Soil

	Table 1 Comparing the first state of the fir											
	Concentrations of BTEX, TPH & Chloride in Soil G and C Service											
				NMOCI	White Fe		047071					
					D Ref. #: n	1	I					
	CD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	20,000	
NMOCL	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600	
				5W 840	5 8021B		50	846 8015M GRO +			4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
NW #1	3/28/2022	0-0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
NW #2	4/1/2022	0-1.5	Excavated	< 0.050	< 0.300	<10.0	107	107	29.7	137	240	
NW 2	4/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
NW 3	4/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
EW 1	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 2	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 3	3/24/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 4	3/24/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
EW #5	3/28/2022	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
EW #6	3/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
EW #7	3/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
EW 8	4/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	153	153	122	275	240	
EW 9	4/8/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	656	656	173	829	4,800	
EW 10	4/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	511	511	170	681	3,840	
EW 11	4/8/2022	0-0.66	Excavated	< 0.050	< 0.300	<10.0	1,670	1,670	497	2,167	1,280	
EW 11A	4/19/2022	0-0.66	In-Situ	-	-	<10.0	42.3	42.3	10.3	52.6	-	
EW 12	4/8/2022	0-0.66	In-Situ	< 0.050	< 0.300	<10.0	22.8	22.8	13.5	36.3	336	
SW 1	3/23/2022	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
SW 2	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
SW #3	3/28/2022	0-6	Excavated	< 0.050	< 0.300	<10.0	196	196	115	311	112	
SW 3A	3/31/2022	0-6	Excavated	-	-	<10.0	267	267	68.6	336	-	
SW 3B	4/11/2022	0-6	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
SW #4	3/28/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
WW 1	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
WW 2	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 3	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	25.3	25.3	<10.0	25.3	32.0	
WW 4	3/23/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
WW 5	3/24/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	30.1	30.1	<10.0	30.1	<16.0	
WW #6	3/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
WW #7	3/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
WW #8	3/28/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW #9	3/28/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
WW 10	4/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272	
WW 11	4/8/2022	0-0.66		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
WW 12	4/8/2022	0-0.66		< 0.050	< 0.300	<10.0	11.8	11.8	<10.0	11.8	32.0	
WW 13	4/8/2022		Excavated	< 0.050	< 0.300	<10.0	465	465	867	1,332	80.0	
WW 13A	4/19/2022	0-0.66		-	-	<10.0	49.2	49.2	<10.0	49.2	-	
FS 1 @ 6'	3/23/2022	6	In-Situ	< 0.050	< 0.300	<10.0	181	181	32.4	213	176	
FS 2 @ 2'	3/23/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 3 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 4 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	20.3	20.3	<10.0	20.3	80.0	

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

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	Table 1											
	Concentrations of BTEX, TPH & Chloride in Soil G and C Service											
					White Fe							
	<u>an ar</u> a				D Ref. #: n		1		1	1		
	CD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	20,000	
NMOCE	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600	
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FS 5 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 6 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 7 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 8 @ 2'	3/24/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 9 @ 3'	3/28/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0	
FS 10 @ 3'	3/28/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 11 @ 3'	3/28/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0	
FS 12 @ 3'	3/28/2022	3	In-Situ	< 0.050	< 0.300	<10.0	32.0	32.0	16.4	48.4	48.0	
FS 13 @ 6'	3/28/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FS 14 @ 6'	3/28/2022	6	In-Situ	< 0.050	< 0.300	<10.0	49.8	49.8	<10.0	49.8	48.0	
FS 15 @ 2'	3/28/2022	2	Excavated	< 0.050	< 0.300	<10.0	69.8	69.8	54.6	124	32.0	
FS 15 @ 3'	3/31/2022	3	Excavated	-	-	<10.0	419	419	120	539	-	
FS 15 @ 4'	4/11/2022	4	In-Situ	-	-	<10.0	26.8	26.8	11.1	37.9	-	
FS 16 @ 2'	3/28/2022	2	In-Situ	< 0.050	< 0.300	<10.0	28.1	28.1	<10.0	28.1	112	
FS 17 @ 2'	3/28/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
FS 18 @ 2'	3/31/2022	2	Excavated	< 0.050	< 0.300	<10.0	332	332	62.2	394	112	
FS 18 @ 3'	4/11/2022	3	In-Situ	-	-	<10.0	21.9	21.9	<10.0	21.9	-	
FS 19 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	461	461	122	583	80.0	
FS 19 @ 2'	4/11/2022	2	In-Situ	-	-	<10.0	25.7	25.7	<10.0	25.7	-	
FS 20 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	399	399	116	515	96.0	
FS 20 @ 2'	4/11/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 21 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	306	306	77.4	383	144	
FS 21 @ 2'	4/11/2022	2	In-Situ	-	-	<10.0	10.7	10.7	<10.0	10.7	-	
FS 22 @ 1'	3/31/2022	1	In-Situ	< 0.050	< 0.300	<10.0	21.9	21.9	15.1	37.0	32.0	
FS 23 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	384	384	110	494	80.0	
FS 23 @ 2'	4/11/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 24 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	463	463	130	593	176	
FS 24 @ 2'	4/11/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 25 @ 1'	3/31/2022	1	Excavated	< 0.050	< 0.300	<10.0	199	199	66.6	266	240	
FS 25 @ 2'	4/11/2022	2	Excavated	-	-	<10.0	72.3	72.3	48.6	121	-	
FS 25 @ 3'	4/19/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 26 @ 3'	4/1/2022	3	Excavated	< 0.050	< 0.300	<10.0	314	314	97.4	411	96.0	
FS 26 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 27 @ 1'	4/1/2022	1	Excavated	< 0.050	< 0.300	<10.0	197	197	46.6	244	128	
FS 27 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 28 @ 1'	4/1/2022	1	Excavated	< 0.050	< 0.300	<10.0	135	135	43.0	178	64.0	
FS 28 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 29 @ 1'	4/1/2022	1	Excavated	< 0.050	< 0.300	<10.0	117	117	42.6	160	96.0	
FS 29 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 30 @ 1'	4/1/2022	1	In-Situ	< 0.050	< 0.300	<10.0	50.4	50.4	26.5	76.9	128	
FS 31 @ 1'	4/1/2022	1	In-Situ	< 0.050	< 0.300	<10.0	11.1	11.1	<10.0	11.1	224	

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

Red: NMOCD Reclamation Standard exceedance.

	Table 1												
	Concentrations of BTEX, TPH & Chloride in Soil												
	G and C Service White Federal #1												
					D Ref. #: n		047071		-				
	CD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	20,000		
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600		
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl		
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)		
FS 32 @ 8"	4/1/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	12.4	12.4	<10.0	12.4	304		
FS 33 @ 8"	4/1/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	124	124	42.9	167	240		
FS 34 @ 1'	4/1/2022	1	In-Situ	< 0.050	< 0.300	<10.0	57.0	57.0	19.5	76.5	144		
FS #35 @ 1'	4/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	33.8	33.8	<10.0	33.8	112		
FS #36 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	325	325	76.4	401	96.0		
FS #37 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	138	138	45.2	183	80.0		
FS #38 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	146	146	41.2	187	96.0		
FS #39 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	268	268	79.9	348	384		
FS #40 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	256	256	72.1	328	672		
FS #41 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	185	185	48.2	233	160		
FS #42 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	416	416	91.8	508	80.0		
FS #43 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	369	369	95.7	465	80.0		
FS #44 @ 8"	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	197	197	53.2	250	144		
FS #45	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	601	601	143	744	640		
FS #46	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	540	540	158	698	576		
FS #47	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	200	200	29.7	230	256		
FS #48	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	195	195	32.9	228	80.0		
FS #49	4/4/2022	0.66	Excavated	< 0.050	0.329	<10.0	1,510	1,510	257	1,767	96.0		
FS 49 @ 1.5'	4/11/2022	1.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-		
FS #50	4/4/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	215	215	50.4	265	272		
FS #51 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	323	323	65.4	388	496		
FS #52 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	251	251	55.5	307	368		
FS #53 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	404	404	64.9	469	144		
FS #54 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	230	230	53.4	283	416		
FS #55 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	131	131	26.7	158	800		
FS #56 @ 8"	4/5/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	1,400	1,400	289	1,689	1,040		
FS 56 @ 1.5'	4/11/2022	1.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-		
FS #57 @ 8"	4/5/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	833	833	188	1,021	1,440		
FS 57 @ 1.5'	4/11/2022	1.5	In-Situ	-	-	<10.0	11.4	11.4	13.9	25.3	-		
FS #58 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	145	145	37.9	183	544		
FS #59 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	168	168	24.6	193	96.0		
FS #60 @ 8"	4/5/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	93.2	93.2	14.2	107	272		
FS #61 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FS #62 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FS #63 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	271	271	62.2	333	48.0		
FS #64 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	258	258	52.0	310	144		
FS #65 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	875	875	209	1,084	1,520		
FS 65 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	111	111	<10.0	111	-		
FS #66 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	1,810	1,810	474	2,284	2,280		
FS 66 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	184	184	32.7	217	-		
FS #67 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	896	896	455	1,351	1,680		

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

Released to Imaging: 7/13/2022 9:54:08 AM

Table 1													
	Concentrations of BTEX, TPH & Chloride in Soil G and C Service												
					White Fe								
) Ref. #: n		1				I		
	CD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	20,000		
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600		
				SW 840	5 8021B		SW	846 8015M	Ext.	[4500 Cl		
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)		
FS 67 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	265	265	69.7	335	-		
FS #68 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	171	171	90.5	262	880		
FS #69 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<50.0	6,350	6,350	2,180	8,530	816		
FS 69 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	122	122	12.8	135	-		
FS #70 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144		
FS #71 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208		
FS #72 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	61.3	61.3	22.4	83.7	656		
FS #73 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	382	382	255	637	784		
FS #74 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	109	109	24.7	134	64.0		
FS #75 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0		
FS #76 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FS #77 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FS #78 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FS #79 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	45.7	45.7	22.0	67.7	48.0		
FS #80 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<50.0	2,040	2,040	382	2,422	544		
FS 80 @ 3'	4/12/2022	3	In-Situ	-	-	<10.0	18.6	18.6	<10.0	18.6	-		
FS #81 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0		
FS #82 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	77.5	77.5	26.1	104	112		
FS #83 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<50.0	1,150	1,150	287	1,437	64.0		
FS 83 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	569	569	166	735	-		
FS #84 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	281	281	75.5	357	32.0		
FS #85 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	461	461	118	579	112		
FS #86 @ 8"	4/6/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	883	883	197	1,080	128		
FS 86 @ 1.5'	4/12/2022	1.5	In-Situ	-	-	<10.0	137	137	27.2	164	-		
FS #87 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	98.5	98.5	49.3	148	112		
FS #88 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176		
FS #89 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0		
FS #90 @ 8"	4/6/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0		
FS 91 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	160	160	28.4	188	64.0		
FS 92 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	11.3	483	494	94.9	589	64.0		
FS 93 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	0.404	18.0	420	438	81.3	519	80.0		
FS 94 @ 8"	4/7/2022	0.66	Excavated	< 0.050	< 0.300	11.9	1,010	1,020	214	1,236	128		
FS 94 @ 2'	4/13/2022	2	In-Situ	_	-	<10.0	189	189	40.3	229	-		
FS 95 @ 8"	4/7/2022	0.66	Excavated	< 0.050	0.858	81.6	3,200	3,280	694	3,976	400		
FS 95 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	26.7	26.7	12.0	38.7	-		
FS 96 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	751	751	198	949	448		
FS 97 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	14.5	14.5	704		
FS 98 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960		
FS 99 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0		
FS 100 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	118	118	13.8	132	32.0		
FS 101 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	316	316	59.7	376	96.0		

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

Red: NMOCD Reclamation Standard exceedance.

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Table 1 Concentrations of BTEX, TPH & Chloride in Soil												
			Conce	entrations			hloride in	Soil				
					G and C							
					White Fe							
) Ref. #: n		047071					
	CD Closure C			10	50	N/A	N/A N/A	1,000 N/A	N/A N/A	2,500 100	20,000	
NMOCD	Reclamation	Standard	1	10	50	N/A	600 4500 Cl					
				SW 846	5 8021B		SW 846 8015M Ext.					
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FS 102 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	419	419	93.3	512	112	
FS 103 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	779	779	155	934	192	
FS 104 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	197	197	46.8	244	144	
FS 105 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FS 106 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	14.1	14.1	<10.0	14.1	992	
FS 107 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336	
FS 108 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 109 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	240	240	62.5	303	48.0	
FS 110 @ 8"	4/7/2022	0.66	Excavated	< 0.050	0.808	105	3,390	3,500	717	4,212	96.0	
FS 110 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	106	106	41.6	148	-	
FS 111 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	624	624	118	742	128	
FS 112 @ 8"	4/7/2022	0.66	Excavated	< 0.050	< 0.300	11.0	1,340	1,350	279	1,630	272	
FS 112 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	127	127	42.0	169	-	
FS 113 @ 8"	4/7/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	875	875	182	1,057	416	
FS 113 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	44.7	44.7	20.1	64.8	-	
FS 114 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	79.1	79.1	12.5	91.6	272	
FS 115 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	207	207	78.0	285	144	
FS 116 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 117 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	644	644	100	744	96.0	
FS 118 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	756	756	205	961	464	
FS 119 @ 8"	4/7/2022	0.66	Excavated	< 0.050	1.36	28.4	1,340	1,370	460	1,828	80.0	
FS 119 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	238	238	53.3	291	-	
FS 120 @ 8"	4/7/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	901	901	234	1,135	1,410	
FS 120 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	659	659	171	830	-	
FS 121 @ 8"	4/7/2022	0.66	Excavated	< 0.050	0.864	33.0	1,560	1,590	316	1,909	912	
FS 121 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	105	105	43.3	148	-	
FS 122 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	215	215	66.8	282	528	
FS 123 @ 8"	4/7/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	596	596	141	737	1,580	
FS 124 @ 8"	4/7/2022	0.66	Excavated	0.0770	0.942	92.1	5,460	5,550	1,150	6,702	3,800	
FS 124 @ 2'	4/13/2022	2	In-Situ	-	-	<10.0	232	232	66.1	298	-	
FS 125 @ 8"	4/8/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	1,600	1,600	376	1,976	464	
FS 125 @ 1.5'	4/19/2022	1.5	In-Situ	-	-	<10.0	431	431	243	674	-	
FS 126 @ 8"	4/8/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	706	706	234	940	1,100	
FS 127 @ 8"	4/8/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	36.0	36.0	14.1	50.1	1,260	
FS 128 @ 8"	4/8/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	91.9	91.9	104	196	1,250	
FS 129 @ 8"	4/8/2022	0.66	Excavated	< 0.050	< 0.300	<10.0	783	783	276	1,059	2,960	
FS 129 @ 1.5'	4/19/2022	1.5	Excavated	-	-	<10.0	1,010	1,010	286	1,296	-	
FS 129 @ 2.5'	4/26/2022	2.5	In-Situ	-	-	<10.0	156	156	38.6	195	-	
FS 130 @ 8"	4/8/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	339	339	150	489	1,170	
FS 131 @ 8"	4/8/2022	0.66	Excavated	0.0940	0.773	66.8	4,800	4,870	1,160	6,027	1,170	
FS 131 @ 1.5'	4/19/2022	1.5	In-Situ	_	-	<10.0	216	216	49.8	266	-	

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

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		Conce	entrations	of BTEX.	ТРН & С	'hlarida in	Soil			Table 1											
		Concentrations of BTEX, TPH & Chloride in Soil																			
	G and C Service White Federal #1																				
NMOCD Ref. #: nAPP2208047071																					
			NMOCI	D Ref. #: n	APP2208	047071		1	1												
NMOCD Closur			10	50	N/A	N/A	1,000	N/A	2,500	20,000											
NMOCD Reclamat	on Standard	1	10	50	N/A	N/A	N/A 846 8015M	N/A	100	600											
			SW 840	5 8021B		Г	4500 Cl														
Sample ID Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)											
FS 132 @ 8" 4/8/202	2 0.66	In-Situ	< 0.050	< 0.300	<10.0	75.8	75.8	30.5	106	800											
FS 133 @ 8" 4/8/202	2 0.66	In-Situ	< 0.050	< 0.300	<10.0	373	373	151	524	1,180											
FS 134 @ 8" 4/8/202	2 0.66	Excavated	< 0.050	< 0.300	<10.0	663	663	551	1,214	1,960											
FS 134 @ 1.5' 4/19/20	22 1.5	In-Situ	-	-	<10.0	414	414	156	570	-											
FS 135 @ 8" 4/8/202	2 0.66	Excavated	< 0.050	0.382	<10.0	1,610	1,610	556	2,166	1,500											
FS 135 @ 1.5' 4/19/20	22 1.5	In-Situ	_	_	<10.0	324	324	81.2	405	-											
FS 136 @ 8" 4/8/202	2 0.66	In-Situ	< 0.050	< 0.300	<10.0	25.8	25.8	11.8	37.6	944											
FS 137 @ 8" 4/8/202	2 0.66	Excavated	< 0.050	0.515	25.1	1,800	1,830	453	2,278	432											
FS 137 @ 1.5' 4/19/20	22 1.5	In-Situ	-	-	<10.0	506	506	156	662	-											
FS 138 @ 8" 4/8/202	2 0.66	Excavated	< 0.050	6.21	284	5,100	5,380	1,010	6,394	1,890											
FS 138 @ 1.5' 4/19/20	22 1.5	In-Situ	-	-	<10.0	311	311	109	420	-											
FS 139 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0											
FS 140 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	23.0	23.0	<10.0	23.0	48.0											
FS 141 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	31.9	31.9	<10.0	31.9	48.0											
FS 142 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0											
FS 143 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	18.4	18.4	<10.0	18.4	64.0											
FS 144 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	79.3	79.3	13.0	92.3	32.0											
FS 145 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0											
FS 146 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	68.6	68.6	12.4	81.0	16.0											
FS 147 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0											
FS 148 @ 2' 4/11/20	22 2	Excavated	< 0.050	< 0.300	<10.0	126	126	26.3	152	32.0											
FS 148 @ 3' 4/20/20	22 3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-											
FS 149 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	20.4	20.4	<10.0	20.4	16.0											
FS 150 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	23.5	23.5	<10.0	23.5	64.0											
FS 151 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	25.1	25.1	<10.0	25.1	32.0											
FS 152 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	57.6	57.6	<10.0	57.6	32.0											
FS 153 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	14.9	14.9	<10.0	14.9	32.0											
FS 154 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	46.1	46.1	25.4	71.5	32.0											
FS 155 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0											
FS 156 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0											
FS 157 @ 2' 4/11/20	22 2	In-Situ	< 0.050	< 0.300	<10.0	42.7	42.7	13.9	56.6	16.0											
FS 158 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	36.8	36.8	13.6	50.4	32.0											
FS 159 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	42.8	42.8	<10.0	42.8	16.0											
FS 160 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	74.1	74.1	14.2	88.3	32.0											
FS 161 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	63.2	63.2	11.9	75.1	32.0											
FS 162 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	28.4	28.4	<10.0	28.4	32.0											
FS 163 @ 2' 4/11/20		Excavated	< 0.050	< 0.300	<10.0	78.6	78.6	22.4	101	32.0											
FS 163 @ 3' 4/20/20		In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-											
FS 164 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	43.5	43.5	<10.0	43.5	32.0											
FS 165 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	47.8	47.8	<10.0	47.8	32.0											
FS 166 @ 2' 4/11/20		In-Situ	< 0.050	< 0.300	<10.0	79.3	79.3	14.2	93.5	32.0											

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

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Table 1 Concentrations of BTEX, TPH & Chloride in Soil												
			Conce	entrations			hloride in	Soll				
					G and C							
				NMOCI	White Fe		047071					
NIMO		., .			D Ref. #: n		<u> </u>					
	CD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	20,000	
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600 4500 Cl	
				SW 840	5 8021B		SW 846 8015M Ext.					
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride	
		(rect)	Status	(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈ (mg/kg)	C6-C28	C ₂₈ -C ₃₆ (mg/kg)	C ₆ -C ₃₆ (mg/kg)	(mg/kg)	
FS 167 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	96.0	
FS 168 @ 2'	4/12/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 169 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0	
FS 170 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 171 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 172 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 173 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	11.2	11.2	<10.0	11.2	48.0	
FS 174 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 175 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
FS 176 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 177 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 178 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	20.6	20.6	<10.0	20.6	96.0	
FS 179 @ 2'	4/12/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 180 @ 2'	4/13/2022	2	Excavated	< 0.050	< 0.300	<10.0	409	409	118	527	32.0	
FS 180 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 181 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 182 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 183 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 184 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 185 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 186 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 187 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 188 @ 2'	4/13/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 189 @ 2'	4/13/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 190 @ 2'	4/13/2022	2	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 191 @ 2' FS 191 @ 3'	4/13/2022 4/20/2022	3	Excavated In-Situ	< 0.050	< 0.300	<10.0 <10.0	184 <10.0	184 <20.0	38.9 <10.0	223 <30.0	32.0	
FS 191 @ 3' FS 192 @ 2'	4/20/2022	2	In-Situ In-Situ	- <0.050	- <0.300	<10.0	<10.0	<20.0	<10.0	<30.0	- <16.0	
FS 192 @ 2 FS 193 @ 2'	4/13/2022	2	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 195 @ 2 FS 194 @ 2'	4/13/2022	2	Excavated	<0.030	<0.300	<10.0	234	234	56.0	290	48.0	
FS 194 @ 3'	4/20/2022	3	In-Situ			<10.0	<10.0	<20.0	<10.0	<30.0		
FS 195 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 196 @ 2'	4/13/2022	2	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 197 @ 2'	4/13/2022	2	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 198 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FS 199 @ 2'	4/13/2022	2	Excavated	< 0.050	< 0.300	<10.0	241	241	55.2	296	32.0	
FS 199 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 200 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 201 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 202 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FS 203 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	

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

Red: NMOCD Reclamation Standard exceedance.

			C	, , .	Tab			0.1				
			Conce	entrations	· · · · · · · · · · · · · · · · · · ·		Chloride in	5011				
					G and C							
White Federal #1												
NMOCD Ref. #: nAPP2208047071												
NMOCD Closure Criteria 10 50 N/A N/A 1,000 N/A 2,500												
NMOCD Reclamation Standard 10 50 N/A N/A N/A N/A 100											600	
SW 846 8021B SW 846 8015M Ext.											4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FS 204 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 205 @ 2'	4/13/2022	2	Excavated	< 0.050	< 0.300	<10.0	122	122	15.6	138	32.0	
FS 205 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 206 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FS 207 @ 2'	4/13/2022	2	Excavated	< 0.050	< 0.300	<10.0	266	266	51.2	317	32.0	
FS 207 @ 3'	4/20/2022	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-	
FS 208 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	30.5	30.5	<10.0	30.5	16.0	
FS 209 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	55.6	55.6	10.7	66.3	96.0	
FS 210 @ 2'	4/13/2022	2	In-Situ	< 0.050	< 0.300	<10.0	52.8	52.8	<10.0	52.8	96.0	

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Appendix A Depth to Groundwater Information

Received by OCD: 7/1/2022 11:50:27 AM

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	V	lat					00	v	f the S age			U		ater
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	e (R=POD been repl O=orpha C=the fil- closed)	aced, ned,		(1			2=NE 3 st to larg		SE) (NAD83 U	TM in m	eters)		(In	feet)
		Sub-		QQQ	2									Water
POD Number	Code		County				0	2	-	Y	Dista	1	hWellDe	pthWater Column
<u>CP 00814 POD1</u>		СР	LE	2 2	08	18S	32E	61407	4 362610	58* 🔵		556	480	
										Averag	ge Dept	h to Water		
											Mini	mum Dept	th:	
											Maxi	mum Dept	h:	
Record Count: 1														
UTMNAD83 Rad	lius Search (in	meters	<u>):</u>											
Easting (X):	513683.18		North	ing (Y):	3626	564.39			Radius:	804.67				
*UTM location was deriv	ed from PLSS	- see Helj	р											
The data is furnished by th accuracy, completeness, re-								erstanding	g that the OS	E/ISC ma	ike no w	varranties, e	xpressed or	implied, concerning the

3/17/22 10:39 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

		(quarters are 1= (quarters are s			(NAD83 U			
Well Tag	POD Number	Q64 Q16 Q	4 Sec	Tws	Rng	Χ	Y	
	CP 00814 POD1	2 2	2 08	18S	32E	614074	3626168* 🌍	
x Driller Lice	ense: 122	Driller Comp	any:	UN	KNOWN			
Driller Nan	ne: UNKNOWN, U	NKNOWN						
Drill Start I	Date:	Drill Finish D	Date:	1	2/31/1965	Ph	ıg Date:	
Log File Da	ite:	PCW Rcv Da	te:			So	urce:	Shallow
Ритр Туре	:	Pipe Discharg	ge Size:			Es	timated Yield:	8 GPM
Casing Size	: 6.00	Depth Well:		4	80 feet	De	pth Water:	

*UTM location was derived from PLSS - see Help

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

3/17/22 10:44 AM

POINT OF DIVERSION SUMMARY



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Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs site no list =

• 324519103474501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324519103474501 18S.32E.07.44233

Lea County, New Mexico Latitude 32°45'24", Longitude 103°47'55" NAD27 Land-surface elevation 3,759.00 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date \$	Time \$? Water- level date-time accuracy	? Parameter ^{\$} code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring ^{\$} agency	? Source of measurement	? Water- level approval status
1976-05-26		D	72019	80.80			1	Z			А
1981-03-12		D	72019	82.19			1	Z			А
1986-03-25		D	72019	81.50			1	Z			А
1991-05-14		D	72019	82.47			1	Z			А
1996-01-30		D	72019	82.35			1	S			А

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

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-15 13:20:17 EDT 0.29 0.24 nadww01 USA.gov



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Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs site no list =

• 324600103484601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324600103484601 18S.31E.01.44432

Eddy County, New Mexico Latitude 32°46'00", Longitude 103°48'46" NAD27 Land-surface elevation 3,790 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data	
Tab-separated data	
<u>Graph of data</u>	
Reselect period	

Date \$	Time \$? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical \$ datum	? ≎ Status	? Method of measurement	? Measuring ^{\$} agency	? Source of measurement	? Water- level approval status
1971-04-07		D	72019	460.42			Р	Z			А
1976-05-27		D	72019	454.56			1	Z			А
1986-01-26		D	72019	454.29			1	S			А
1990-09-25		D	72019	453.62			1	S			А
1994-03-17		D	72019	454.25			1	S			А

Released to Imaging: 7/13/2022 9:54:08 AM
Explanation					
Section \$	Code \$	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Parameter code	62610	Groundwater level above NGVD 1929, feet			
Parameter code	62611	Groundwater level above NAVD 1988, feet			
Parameter code	72019	Depth to water level, feet below land surface			
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929			
Status	1	Static			
Status	Р	Pumping			
Method of measurement	S	Steel-tape measurement.			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Source of measurement		Not determined			
Water-level approval status	А	Approved for publication Processing and review completed.			

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

Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-15 13:21:37 EDT 0.29 0.24 nadww01 USA.gov

Appendix B Field Data & Soil Profile Logs



Sample Log

Date:

3-22-22

Project:	White Federal 1		
Project Numb	er:	15286	Latitude:

32.771109

Longitude: -103.786204

Sample ID	PID/Odor		Chloride Conc. 🤟 🖓	2	Chloride GRS Conce
WW] R: sht 25.	light Oder	216	FS2002	-	N/A
WW Left 25'		116	FS 2102	-	N/A
WW2 Right 25.	-	216	FS 2 30 2	-	NIA
WW2 Lort 25.		a16	FS24e2'		N/A
WW3 Bight 25.		136	FS 25e2	-	N/A
WW3 Lott 25.	Sweet	136	FS 49e 1/2	-	NIA
WWY REALF 2.		116	FS56@1%	-	N/A
WW4 Least 25	-	160	FS5701/2	-	N/A
SWI Fight 25.	-	188	SW3B		N/A
SWI Lett 25	Strong	188	FS 139e2'		N/A
SW2 Right 25		160	FS 140e2'	-	N/A
SW2 Lort 25		< 116	FS141e2'	-	N/A
FSIeb	mild	352	FS 142e2'	-	N/A
FSZez	-	2116	FS143e2'	-	N/A
ÉWI		136	FS14402'	_	N/A
EW2	~	136	FS145e2'	-	N/A
FS3e2'		280	FS146e2	1	N/A
FS4e2	-	160	FS147e2	-	N/A
FS5e2'	-	136	FS14822		NA
FSbez	-	244	FS 149e2	/-	N/A
FS7e2	-	116	FS 150e2	1	N/A
FSBEZ	-	116	FSISIEZ	1	N/A
WW5	Mild	136	FS 15202	. 1	N/A
EW 3	mild	136	FS 15302	-	N/A
EW4	<u> </u>	116	FS 154e2	}	N/A
EW 5.	-	ND	FS 15502	-	N/A
$\mathcal{E} \cup \mathcal{U} $	Light	NO	FS156e2	-	N/A
έω Ί.		ND	FS157e2	-	N/A
NW L	-	ND	FS 158e2	-	N/A
WWG.	Light	260	FS 159 e2'	_	N/A
ww7.		148	FS 160=2		N/A
WW8		NĎ	FS Ible2		N/A
ww 9.	-	172	FS16222		N/A
<u>Św 3:</u>	Light	148	FS 163e2'		N/A
<u>Sw 4.</u>	-		FSILtez		N/A
FS 9. @ 3Ft	-	172	FS 16502	-	N/A
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 Intend	ed to be Deferred = SP #1 @ 4' In	-Situ	GPS Sample Points, Center of Comp Areas
Sample Point = SP #1 @ ## etc Floor = FL #1 etc Sidewall = SW #1 etc Wall & So Unite - Biol	Marile			20	,000 Lee Fied 4
WANT	2			54 31 2	les Fird Y
10 st	10"		ی، در. ۵۰ در.		
10.7					- -

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White

152

86

Project:

Project Number:

Sample Log

Date:

-, en

Latitude: 32.771109 Longitude: -103.786204

Sample ID	PID/Odor	C	nloride Conc. 4- 11-22	GPS
FS IV. AD 3Ft	-	148	FS Ibbe 2' -	1.1 /
FS II. AB 3FT	-	172	- curt. A	N/A
FS 12. (A) 3Ft	Light	NO		- N/A
FS 13. @ 6Ft		172	FS 16802 -	1 . 1.
FS 14. @ GFt	medium	148	FS169e2 -	N/A
FS 15. 6 2Ft	Sweet	ND	FS 170e2 -	NA
FS 16. 10 2Ft	-	148	FS 17102 -	1.1 /1
FS 17, AD 2.Ft	LightSalty	148	FS17202 -	
FS 18. A) 2Ft	-	316	FS173e2' -	1.1.1.4
FS 19, 10 2 Ft	Light	160	FS174e2' -	N/A
FS 20. A 2 Ft	-	136	FS175e2' -	N/A
FS 21. A 2 Ft	-	290	1FS17602 -	N/A
FS 22: D2 Ft	-	ND	FS 177e2' -	N/A
FS 23 @ 2 Ft	Salty	160	FS 17802' -	W/A
F5 24 0 2 Ft		316	FS17922 -	
FS. 25 D 2 Ft		352	FS 18002' -	- NA
FS. 26 (7) 3 Ft	-	188	FS18102 -	- N/A
NW #2		200	FS 182e2' -	NA .
FS # 27 @ 1Ft	-	1 200	FS 18302' -	NA
FS# 28 DIFt		148	FS 184e2 -	NA
FS# 29 DIFT	-	148	FS 185e2' -	NA
FS # 30 6 (Ft	Light	292	FS 18602' -	N/A
FS # 31 (A) 1 Ft	· ~ ~	364	FS 18702' -	W/A
FS # 32 (A) 8 inches		364	FS 188@2' -	NA
FS # 33 @ Sinches	salty	364	FS 18902' -	NA
ES # 34 AD 1Ft	Light	292	FS 190 e2' -	NA
FS # 35 6 1Ft	medium	260	FS 19102' -	N/A
F5 # 36 @	-	128	FS 19202' -	N/A
FSFF 37 D	Light	200	FS 19302' -	NA
F5# 38 0	-	148	<u>FS 19402' -</u> FS 19502' -	N/A
FS# 39 B		492	1511500 -	NA
FS # 40 0	-	112	FS19602 -	NA
<u>FS# 41 (A)</u>	-	200	FS197e2 -	NA
F5 # 42 Q	-	148	FS 19802' -	
E FS# 43 Q		178	I J I lea -	N/A
F57744 (A)		200	<u>FS200e2'</u> -	INA
sample Point = $SP \# 1 (a) \# \# etc$			French = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc			sal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soli intended to b	oe Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Areas
Floor = FL #1 etc Sidewall = SW #1 etc				
<i>a a a a a a a a a a</i>				
~				

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

1 of 391	onlyt	TC180	TPH 2 TPH		
BOTECH Environmental & Safety Solutions, Inc. 5 W 3 A	SeJ TPH	- 190 2(e) 23 el	трн Sample Log	Date:	
Project: White Federal Project Number: 15286		ر 4 er کر ع Latitude:	TPH TPH 32.771109	Longitude	-103.786204
Sample ID	PID/Odor		Chloride Conc.		Reau GPS
F5#45 @ Bin	-	208			NW2
FS# 46 @ 8in		772			FS2633
FS# 47 @ 8in	-	324			2701
FS# 48 \$ 3 in	~	148			28-1
FS#49 A Bin	Light	200			24611
FS# 50 A Bin	Light	324			
FS#51 @ 8 in		492	F S 20102'	-	N/A
FS#52 @ 8 in	Light	324	F S 20 2 ° 2'	-	NIA
FS#53 (A) & in	medium	128	FS203e2'	-	NA
FS# 54 @ 8 in	4	492	FS 20402'	-	N/A
FS# 55 A 8 in	-	908	ESO 2000 FS 20	5e2' -	NIA
FS#56 (A & in	mild	984	FOR TO TO FS 20		N/A
FS#57 (A 8 in	Light	1324	FS207e2'	-	N/A
FS#F58 (A) 8in	Light	492	FS20802'	-	N/A
FS#59 @ 8in	Light	NO	FS 20902'	-	NIA
FS # 60 @ 8in	midium	292	FS 210 e2'	_	NZA
FS 61 0 8:2.	I MEDIUM	< 116	15 410 4		1.02-1
FS 62@ 8in.	-	2116			
FS 63@8in.	-	316			
FS84e8iz	-	188			
FS 65 0811.	-	1,692			
FS 660 811.	-	2,584			
FS & 7 e 8:1.	-	1692			
F568e8:1.	mild	900			
FS 690 812.	mild	900			
FS70@ 81.1.	-	160			
FS71@8:1	-	160			
FS72e8:	-	832			
FS 73e 8:	~	1044			
FS7408in.	mold	316			
FS75e8in.	maila	116			
FS 76@ 8: 1.	-	116			
F577e8in	-	136	0		
FS78C8in		110			
FS79e8in.	-	136			
FS 8008in.	Strong	248			
Sample Point - SP #1 @ ## atc	10 17 01 G	010	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 Intere	led to be Deferred = SP #1 @ 4 -R	l' In-Situ	GPS Sample Points, Center of Comp Area
Sidewall = 3 vv #1 etc		Son Intent	ieu to be beletten - 2r #1 @ 4	- m-situ	or a sample roms, center or comp area
Floor = FL #1 etc Sidewall = SW #1 etc			9 "	y 11 ,	1 424 -77



Sample Log

Date:

Project: White Federal 1 Project Number:

15286

Latitude: <u>32.77/109</u> Longitude: <u>-103.786204</u>

Sample ID	PID/Odor	Chloride Conc.	GPS
FS81e8	-	188	
FS 81 e 8 in. FS 82 e 8 in.	Slight	216	
FS 83 @ 8:1.	~	2116	
F98408.	~	112	
FS 8508in.	-	136	
FS 8608:1.	-	160	
FS 85 = 8in. FS 86 = 8in. FS 86 = 8in. FS 87 = 8in.	-	æ [] b	
FS 88 @ 811	-	216	
FS 89 @ 8:2	-	<116	
$FS90e 8i_{1}$ $FS91e 8i_{2}$ $FS91e 8i_{2}$ $FS92e 8i_{2}$	-	< 116	
FS91e8in	-	<116	
FS92e8in	Lisht	120	
1 F 5 9 3 ° X:		216	
FS94@8:1.	Light	160	
FS95e8: FS96@8i2.	Light	704	
FS96edia.		704	
FS9708:	-	900	· · · · · · · · · · · · · · · · · · ·
FS 98 @ 8in. FS 99 @ 8in. FS 100 @ 8in.	-	900	
FS 100 85-	-	136	
ES INIGY:	Light	216	
FS 102° 810.	-	316	
FS 1030 8in.	_	280	
FSIALES:	-	188	
FS IASE 8:	-	216	
$FS 104 e 8_{1A}$ $FS 105 e 8_{1A}$ $FS 105 e 8_{1A}$ $FS 106 e 8_{1A}$		1,124	
FS 107e8in		394	
FS108@ 8in.	-	160	
FS 1090811.	-	244	
FS 110 e 8in.	n.Ta	352	
FS Me 8in	-	316	
FS 1120 8in.	mild	352	
FS 11 3e 8in.	-	440	
2FS114º8in.	-	352	
ZFS 115e8in.	-	<116	
SFSILLE8in.) 60	
Sample Point = SP #1 @ ## etc		Test Trench = TT #L@ ##	Resemples-37 #1@ 50 or 5W #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Areas
Floor = FL #1 etc Sidewall = SW #1 etc			
cei			
Ж			



Start WW 10 on Pod EW 8 an pod

Sample Log

Date:

Project: White Federal I 15286

Project Number:

Latitude: 32.7711 09

Longitude: -/03.786204

Sample ID	PID/Odor		Chloride Conc.	3825-
S 117 e8 in. S 118 e 8 in.	-	536		
5118e 8in.	-	768		
51190810.	-	244		
51200812	-	1.480		
Slale 8in.	-	19'00		
Slalegin. Slalegin.	-	592		
5123@8:0.	-	1.480		
S 123@ 811. S 124081	-	2856		
\$ 12508in.	-	592		
5126 = 8:0	-	1,384		
512708	-	1.480		
S1280 811.	-	1124		
5 1258in. 5 1258in. 5 1278in. 5 1278in. 5 1298in.	-	3076		
-SISDEX:1.	-	1.480		
S13108in.	-	1.124		
S 13108in. S 13208in. S 13308in.	-	1124		
-S133e8in	-	1,292		
5 7408-	-	1,692		
513508:0		1692		
513608		1900		
$S 35 e 8_{i_1}$ $S 36 e 8_{i_2}$ $S 37 e 8_{i_1}$ $S 38 e 8_{i_1}$	-	396		
S138e8in.	-	396		
NW 10	-	"244		
VWI	-	<116		
VW12	-	136		
MAMA WW13	-	188		
AND BOODE EWS	-	280		
EW9	-	7.392		
1Wa	-	<116		
W3	-	136		
WIO	-	4.524		
WII	-	1480		
EWIZ	-	536		
S15e4	-	N/A		4-11-22
5 18=3	-	NIA		
S 19 e 2'	-	N/A		
Sample Point = SP #1 @ ## etc		1,1/1	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 Inte		
SINEMOIL - 3AA MT GIT		Soil Intended to be Deferred = SP #1 @ 4' In-Situ GP		GPS Sample Points, Center of Comp Area



Soil Profile

Environmental & Safety Solutions, Inc.				Date:	
Project: White Federal 1 Project Number:	15286	Latitude:	32.771109	Longitude:	-103.786204
	13280	Latitude.	52.771105	Longitude.	-105.780204
Depth (ft. bgs)	Very Very 5	little calich	e' Des	scription	
3			na kongo kapangan kapangan na mangang kanangan na kanangan kanangan na mangang kanangan na mangang kanangan na mangang kanangan na manga mangang kanangang kanangang kanang kanangan na mangang kanangan na mangang kanangan na mangang kanang	an nan an	
6 7 			nn an fan an sear an gerry an gerry fan de staar an ar		
9 10 11			na typosopie na zako konstrukciona na serie na s Neteria anti internationa da serie na s	ten bereinen en einen bestehen einen ein Bereinen einen ei	
12 13 14					
15 16 17					
18 19 20		ander and the field of a second s Contract second		an ng katalon ng katalo ng katalon ng mga katalon ng katalo	
21 22 23					
24 25 26					
27 28 29					
30 31 32					
33 34 35					
36 37 38					
39 40					
6					

Released to Imaging: 7/13/2022 9:54:08 AM



Company: G and C Service

Well/Borehole ID: BH-1

Drilling Company: Ready Drill, Inc.

NMOC Locati	D Re on: L	ea Co., N	r: nAPP2208047071 Drilling Date: 4/1/2022	Drilling Me Logged By Drafted By	ler: Gary Shull ling Method: Auger Iged By: Gary Shull fted By: B. Arguijo ft Date: 6/15/2022					
Comp			Casing: N/A e advanced on east side of production pad, approximately 140 feet northea	Screen: N	/A					
comm		. Dorenon	e auvanced on east side of production pad, approximately 140 reet normes							
Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field	Test	Petroleum Odor	Petroleum Stain	Well Construction		
- 5			Red dirt		-	-	-			
- 10					-	-	-			
- 15					-	-	-			
- 20					-	-	-			
- 25					-	-	-			
- 30					-	-	-			
35					-	-	-			
40					-	-	-	- 		
- 45					-	-	-	Installe		
- 50					-	-	-	ising ir		
- 55					-	-	-	Open hole. No casing installed		
- 60			Soft sandstone		-	-	-	ben ho		
- 65		· · · · · ·			-	-	-			
- 70					-	-	-			
- 75		· · · · · · · · ·	Deele		-	-	-			
- 80		0.0 od	Rock		-	-	-			
- 85		· · · · ·	Sandstone		-	-	-			
- 90					-	-	-			
- 95		· · · · · · · · · · · · · · · · · · ·			-	-	-			
- 100		· · · · · · · · · · · · · · · · · · ·			-	-	-			
- 105 - - 110 - 115			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. • The exploratory soil boring was left open for over 72 hours. No indication inflow and/or accumulation of water were noted during the advancement of boring.	ns of						

Appendix C Photographic Log



Photo Number:	
Photo Direction:	
South	H ALL AND A
Photo Description:	
View of the excavated area in the pasture.	

Photo Number: 4	
Photo Direction:	
South	2/22/22 2:57 DM
Photo Description:	3/23/22, 2:57 PM +32 770903, 103 786180 ±5005.00m
View of the excavated area in the pasture.	

Photographic Log



Photo Number:	
6	
Photo Direction:	
South	3/24/22, 2:25 PM
Photo Description: View of the excavated area in the pasture.	+92.770429F403.786142.85.00T 191°S

Photo Number: 7	
Photo Direction:	
South	
Photo Description: View of the excavated area in the pasture.	+32.7703801=103.7 double - 184° S

Photo Number:	
8	
Photo Direction:	
Southeast	3/24/22_2:24 PM
Photo Description:	150° SE
View of the excavated area in the pasture.	

Photographic Log















View of the advancement of borehole BH-1. Contract April 7, 2022 at 9:08; 16 AM MD 1 32° 46' 15:539", W 103° 47' 8:528 Hobbs NM 88240 United States

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Appendix D Laboratory Analytical Reports



March 28, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 03/23/22 16:21.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 1 (H221146-01)

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	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 2 (H221146-02)

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	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	82.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 3 (H221146-03)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	25.3	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 4 (H221146-04)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	83.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.7	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW 1 (H221146-05)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.6	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW 2 (H221146-06)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 1 @ 6' (H221146-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	181	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	32.4	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 2 @ 2' (H221146-08)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.1	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 1 (H221146-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.6	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/23/2022	Sampling Date:	03/23/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 2 (H221146-10)

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	03/26/2022	ND	1.87	93.7	2.00	0.292	
Toluene*	<0.050	0.050	03/26/2022	ND	2.06	103	2.00	1.01	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.15	107	2.00	0.840	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.67	111	6.00	0.535	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	109	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.1	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	75) 393-2326 FAX (575) 393-2 Etech Environmental & Safety Solu		Inc	c.				BILL TO P.O. #: Company: Mewbourne							A	NAL	YSIS	RE	QUE	ST			
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Page 13 of 13



March 29, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 03/24/22 15:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 3 @ 2' (H221169-01)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/26/2022	ND	1.85	92.6	2.00	12.1	
Toluene*	<0.050	0.050	03/26/2022	ND	2.09	105	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.12	106	2.00	12.8	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.63	111	6.00	13.7	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	96.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 4 @ 2' (H221169-02)

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	03/26/2022	ND	1.85	92.6	2.00	12.1	
Toluene*	<0.050	0.050	03/26/2022	ND	2.09	105	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.12	106	2.00	12.8	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.63	111	6.00	13.7	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	20.3	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	123	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 5 @ 2' (H221169-03)

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	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 6 @ 2' (H221169-04)

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	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.7	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 7 @ 2' (H221169-05)

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	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 8 @ 2' (H221169-06)

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	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 5 (H221169-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	30.1	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124 9	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 3 (H221169-08)

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	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	<16.0	16.0	03/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 4 (H221169-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2022	ND	1.85	92.5	2.00	9.40	
Toluene*	<0.050	0.050	03/26/2022	ND	2.07	103	2.00	8.87	
Ethylbenzene*	<0.050	0.050	03/26/2022	ND	2.18	109	2.00	8.72	
Total Xylenes*	<0.150	0.150	03/26/2022	ND	6.81	113	6.00	8.82	
Total BTEX	<0.300	0.300	03/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	179	89.3	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Manager: Lance Creashow s: P.O. Box 301 towngton Hobbs State: NM Zip: 39200 8824 #: (575) 396-2378 Fax #: (575) 396-1429 #: 15286 Project Owner: Robbie Runnels Name: White Federal 1 Location: Meubourge Oil Company Pr Name: Eric Mojica USE ONLY I.D. Sample I.D.	Address: City: State: Zip: Phone #: Fax #:	vine nels	de						
s: P.O. Box 301 towngton Hobs State: NM Zip: 20200 8824 #: (575) 396-2378 Fax #: (575) 396-1429 #: 15286 Project Owner: Robbie Runnels Name: White Federal 1 Location: Meubourne Oil Company Pr Name: Eric Majica USE ONLY MATR	40 Attn: Robbie Ro Address: City: State: Zip: Phone #: Fax #:	vine nels	de						
#: (575) 396-2378 Fax #: (575) 396-1429 #: 15286 Project Owner: Robbie Runnels Name: White Federal 1 Location: Mesbourne Oil Company Pr Name: Eric Majica USE ONLY MATR	40 Attn: Robbie Ro Address: City: State: Zip: Phone #: Fax #:		de						
#: 15286 Project Owner: Robbie Runnels Name: White Federal 1 Location: Merbourge Oil Company Pr Name: Eric Majica USE ONLY MATR	City: State: Zip: Phone #: Fax #:	-	de						
Name: White Federal 1 Location: Merbourge Oil Company Pr Name: Eric Majica USE ONLY MATR	State: Zip: Phone #: Fax #:	-	de						
USE ONLY MATR	Phone #: Fax #:		de						
USE ONLY MATR	Fax #:			FPH (8015M)	BTEX (8021B)				
USE ONLY MATR	and the second se		Chloride	(80	(80				
USE ONLY MATR	IX PRESERV. SA		5	H	TEX				
RSS		IPLING		-	'n				
I.D. Sample I.D.	i lu								
	GE BAS								
I.D. Sample I.D. (G)RAB OR (C)ON # CONTAINERS SOIL	OLL SLUDGE OTHER : ACID/BASE ICE / 300L								
1 FS 3 = 2" C 1 J	1 3.21	and the second se	J	1	V	+++			
2 FS4e2 CII V			1	1	1				
3 FS5=2' CII J	1111		J	1	1				
4 FS6e2 CII J	1.1		1	V	1				
5 FS702 CII V			V	5	1				
6 FS8e2' CI V	1 1		1	1	1		_		
7 WW5 CI V			J	1	1				
8 EW 3 CIL V			J	1	1			_+_	
9 EW4 CI J			1	J	1				
TE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in o	contract or tort, shall be limited to the arro	nt paid by the client for	the						
clams including those for negligence and any other cause whattoover shall be deemed weived unless made in w o event shall Cardinal be listle for incidental or consequental demages, including without fimitation, business interv	ting and received by Cardinal within 30 da			de					
uccessors artining out of or related to the performance of services hereunder by Cardinal, regardlese of whether suc Jished By: Date: Received By:	th claim is based upon any of the above st	Phone Re		1 Yes		Add'l Pl	hone #:		
Moz- 3.24.22 Slock	iminin	Fax Resul	It:	C Yes					
548 Oftent	ignert	ACMANN.	5.						
tished By: Date: Received By:	0								
Time:		Please e	mail r	esults	to pm@	etechenv.	.com.		

Page 12 of 12

Released to Imaging: 7/13/2022 9:54:08 AM



March 31, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 03/28/22 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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 9 @ 3' (H221231-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 10 @ 3' (H221231-02)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 66.9-13	6						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 11 @ 3' (H221231-03)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.8	% 59.5-14	2						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 12 @ 3' (H221231-04)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	32.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	16.4	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 13 @ 6' (H221231-05)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.2	% 59.5-14	2						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 14 @ 6' (H221231-06)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	49.8	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	`						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 15 @ 2' (H221231-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	03/31/2022	ND	400	100	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	03/31/2022	ND	211	106	200	9.62	
DRO >C10-C28*	69.8	10.0	03/31/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	54.6	10.0	03/31/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 16 @ 2' (H221231-08)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	28.1	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.6	% 59.5-14	2						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 17 @ 2' (H221231-09)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.9	% 59.5-14							

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW #1 (H221231-10)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.0	% 59.5-14	2						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW # 3 (H221231-11)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	196	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	115	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW # 4 (H221231-12)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.7	% 59.5-14	2						

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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:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW # 6 (H221231-13)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW #7 (H221231-14)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW # 8 (H221231-15)

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	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTEX	<0.300	0.300	03/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW # 9 (H221231-16)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEX	<0.300	0.300	03/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	112	16.0	03/31/2022 ND		400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW # 5 (H221231-17)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEX	<0.300	0.300	03/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW # 6 (H221231-18)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEX	<0.300	0.300	03/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2022	022 ND		100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	001	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW # 7 (H221231-19)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEX	<0.300	0.300	03/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	32.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.7	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Released to Imaging: 7/13/2022 9:54:08 AM

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

of 391

Fax #: Project Owner: \$1, .D.	# CONTAINERS	WATER	Attn: Addre: City: State: Phone Fax #: PRI	any N ss: "	Zip: SAMPLI		Chloride	TPH (8015M)	BTEX (8021B)	ANAL				
Fax #: Project Owner: \$1, .D.		WATER	Attn: Addre: City: State: Phone Fax #: PRI	ss:	Zip:		Chloride	TPH (8015M)	(8021					200
Fax #: Project Owner: \$1, .D.		WATER	Attn: Addre: City: State: Phone Fax #: PRI	ss:	Zip:		Chloride	TPH (8015M)	(8021					
Project Owner: t I, .D.	ONTAINERS	DWATER	Addre City: State: Phone Fax #:	#:		NG	Chloride	TPH (8015M)	(8021					2
EI.	ONTAINERS	DWATER	City: State: Phone Fax #: PRI	#:		NG	Chloride	TPH (8015M)	(8021					
G)RAB OR (C)OMP.	ONTAINERS	DWATER	State: Phone Fax #: PRI			NG	Chloride	TPH (8015M)	(8021					
G)RAB OR (C)OMP.	ONTAINERS	DWATER	Phone Fax #: PRI			NG	Chloride	TPH (8015	BTEX (802					
(G)RAB	ONTAINERS	DWATER	Fax #:		SAMPLI	NG	Chlo	TPH (8	BTEX (
(G)RAB	ONTAINERS	DWATER	PRI	ESERV.	SAMPLI	NG	0	TPI	BTE			-	1	
(G)RAB	ONTAINERS	DWATER									1	1	1 1	1 1
2 61	U #	GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE	ICE / COOL OTHER :	DATE	TIME								
3 Ft	X	X			3-28-22		X	X	X					
3 Ft	X	×		-	1		X	X	X					-
3 Ft	X	У		_			X	X	X					
3Ft	X	X					X	-	X					
	X	X		_					X					
And and a second se	X	X		11			X		X					
	X	X					X	-						
	X		- 1	-	17			-	X					
dFT	12	×	-4-		V		Ŷ	X	X					
ient's exclusive remedy for any cla	ana anise	ny whether based at contract	tor lon, shall	be limited a	o the amount paid	by the client for	ile i	~	<u> </u>					
cause whatsoever shall be denois equantial denoiges, including with a of services hereunder by Cardina	ud ward out tinats al, regar	ed univers made in writing an ation, culturess interruptions, rdiess of whether such claim	d received by lass of use, a	Cardinal w	when 30 days alter alles incurred by cl	COMPLETION OF B MILL IS SUDSIJIAN SONS OF OTHERWIS	e applicati ies 4:	la .						
Date: Ri 3-28-22 Time: 1635 Date: Ri	eceiv	Jamara	Ala	af	Sope 1	Fax Resul	t:							
Time: (1,5°) C-0 (29.0c).Sa #11	Cool intact	/	(Initi	ED BY: ials)	Please e	mail c	ору о	f COC a	and results	to pm@	etechei	NV.COAL	
	$\begin{array}{c} 6 \ Ft \\ 6 \ Ft \\ 2 \ Ft \ Ft \\ 2 \ Ft \ $	$\begin{array}{c c} G & FH \\ \hline G & FH \\ \hline 2 & FH \\ \hline 3 & FH \\ \hline 2 & FH \\ \hline 2 & FH \\ \hline 3 & FH \\ \hline 2 & FH \\ \hline 3 & FH \\ \hline 2 & FH \\ \hline 3 & FH \\ \hline 2 & FH \\ \hline 3 & FH \\ \hline 2 & FH \\ \hline 3 $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 FH X X X 6 FH X X X X 6 FH X X X X 6 FH X X X X 9 FH X X X X 1 FH X X X X 2 FH X X X X 3 FH X X X X <td< td=""><td>3.F.H. X X X X X X 6.F.H. X X X X X X X X 4.F.H. X</td><td>3FH X</td><td>3FH X</td><td>3F4 X</td><td>3.F4 X</td><td>3FH X</td></td<>	3.F.H. X X X X X X 6.F.H. X X X X X X X X 4.F.H. X	3FH X	3FH X	3F4 X	3.F4 X	3FH X

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environment	tal & Safety Solu	tions	, Inc								BI	LL	TO						AN	ALYS	IS I	REQ	UES	T			
Project Manager: Lance Crenst	naw							P.	0. 1									T		T	T	T					
Address: 2617 W Marland								c	mp	any	111	en	bui	ine	1												
City: Hobbs	State: NM	Zip	: 882	240					tn:						1					1	4					1.4	
Phone #: (575) 264-9884	Fax #:							A	idre	ss:					1												
Project #: 00	Project Owne	r:		_				Ci	ty:						1							1					
Project Name: White Federal	*==1	_	-					State: Zip:							(W)	(1)	1							- 1			
Project Location:	<u></u>							Phone #:						Chloride	016	802		1		T.							
Sampler Name: Acuion Rics								-	x #:	-					his	H (8	X										
FOR LAB USE ONLY		T			M	ATF	XIX	1.0	-	-	RV.	S	AMPLI	NG		E	BT I		1								
Lab I.D. Sample I	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SUIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	D	ATE	TIME													
1 Sw #3.			X		3	$\langle $						3-2	8.22		X	×	X				T						
12 SW #4,			×			X									X	X	×										
13 WW # 6,			×		_	X									×	×	X										
14 ww # 7,			X		1	X									X	×	×							-			
5 WW # 8.			×)	(X	X	X										
16 ww # 9,			X			X									X	X	X										
17 EW #5.			X		-	X						1	,		×	X	X			1					1		
18 E W # G.			×			X						U	/		X	X	X										
19 Ew #7,			×			X			L			-	_		X	×	X		-								
PLEASE NOTE: Lability and Damages. Cardina's fability and cli analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidential or corec affliates or successors arising out of or related to the performance Relinquished By: Adomfust Relinquished By: Delivered By: (Circle One) 29 Sampler - UPS - Bus - Other:	cause wheleoever shall be questal demogra, includin	Re Re	d wahe a limbu ceceiv ceiv	ducies o red I	By:	e in w interv er su	riting an uptions,	tion	sheed b frues, sod up Va	y Car or los on an	dinal wi	ED B	days allo served by c a staked re-	r completion of t	he applicat ries, se. HSUIT: It: S:	□ Ye □ Ye	S		Add	'l Phor 'l Fax i	¥:)etec	hen	/.com			

Revision 1.0

Page 104 of 391



April 06, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 03/31/22 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 18 @ 2' (H221303-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	332	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	62.2	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 19 @ 1' (H221303-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	461	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	122	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99. 7 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 20 @ 1' (H221303-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	399	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	116	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 21 @ 1' (H221303-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	306	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	77.4	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	83.3 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.2 9	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 22 @ 1' (H221303-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	21.9	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	15.1	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3	% 59.5-14	2						

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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:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 23 @ 1' (H221303-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	384	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	110	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 24 @ 1' (H221303-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	224	112	200	6.18	
DRO >C10-C28*	463	10.0	04/05/2022	ND	201	101	200	6.29	QM-07
EXT DRO >C28-C36	130	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 25 @ 1' (H221303-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.16	108	2.00	10.6	
Toluene*	<0.050	0.050	04/04/2022	ND	2.13	106	2.00	11.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.36	106	6.00	11.0	
Total BTEX	<0.300	0.300	04/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/05/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	224	112	200	6.18	
DRO >C10-C28*	199	10.0	04/05/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	66.6	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.2	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	03/31/2022	Sampling Date:	03/31/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 15 @ 3' (H221303-09)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	224	112	200	6.18	
DRO >C10-C28*	419	10.0	04/05/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	120	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	84.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 %	59.5-14	2						

Sample ID: SW 3 A (H221303-10)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	224	112	200	6.18	
DRO >C10-C28*	267	10.0	04/05/2022	ND	201	101	200	6.29	
EXT DRO >C28-C36	68.6	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	80.1 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 %	<i>59.5-14</i>	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

NoRush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

age 12 of 12

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-			Marland,			

391

Page

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

Company Name: Etech Environmental & Safety S	BILL TO ANALYSIS RE				ANALYSIS REQUEST	
Project Manager: LANCe Crenshaw		P.O. #:				
Address: 2617 W Marland		Company Mew bourne				
City: Hobbs State: NM	Zip: 88240	Attn: Robbie Ru	als .			
Phone #: (575) 264-9884 Fax #:		Address:	101-			
Project #: 15286 Project Ov	mer: Robbie Rynnels	City:				
Project Name: White Federal #1 Project Location: Mewbourne 0: Con	MODIC NVALEIS	State: Zip:			(WS	
Project Location: Man Land 0:1 C		Phone #:		Chloride	TPH (8015M)	
Sampler Name: Eric Mosica	pary	Fax #:		1 Y	H (8	×
FOR LAB USE ONLY	MATRIX	PRESERV. SAMP	ING		TP	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER : ACID/BASE: ICE / COOL OTHER :	TIME			
1 FS1802'	CXX	3-31-2		X	XX	
2 FSIgel	CX X	1		X	X X	
3 FS 20 01	CX X			X	XX	
4 FS2101'	CXX			X	X	X
5 FS2201	CXX			×	XD	
4 FS2301'	CXX			X	X	8
7 FS2401	CXX		2	X	XV	
8 FS 25 e1	CXX			×	X)	X
9 FS 15e3'	C X X	11/			X	
IV SW3A	CXX		Vicion I.		X	
PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remed snaityses. All claims including those for negligence and any other cause whatboows all service. In oversit shall client's exclusive remederation or consequential damages, in a filiates or successors arising out of or related to the performance of services hereund. Relinquished By: Date: 3 · J / - 22 Relinquished By: Date: Time:	all be deemed welved unless made in willing a cluding without limitation, business interruptions or by Cardinal, regardless of whether such claim Received By:	and received by Cardinal within 30 days a s, loss of use, or loss of profils incurred by	In completion of the client, its subsidieri reasons or otherwiss Phone Res Fax Result REMARKS	e applicable les, e. suit: [t: [}:	Yes Yes	No Add'I Phone #: No Add'I Fax #:
Delivered By: (Circle One) 11.8 c (Sampler - UPS - Bus - Other: 11.3 c	#13 Yes Y	es (Initials) No				nd copy of CoC to pm@etechenv.com.
FORM-006 t Revision 1.0	Cardinal cannot accept ve	erbal changes. Please fa	ux written cl	hanges	s to 575	-393-2476

Released to Imaging: 7/13/2022 9:54:08 AM



April 06, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/01/22 16:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: NW #2 (H221320-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	107	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	29.7	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.8	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 26 @ 3' (H221320-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	314	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	97.4	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.4	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 27 @ 1' (H221320-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	197	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	46.6	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	83.3 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6 9	% 59.5-14							

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 28 @ 1' (H221320-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	0.188	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	135	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	43.0	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	81.7	66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.8	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 29 @ 1' (H221320-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	117	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	42.6	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.2	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 30 @ 1' (H221320-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	50.4	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	26.5	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.2	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 31 @ 1' (H221320-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	11.1	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.6	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 32 @ 8" (H221320-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	12.4	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.5	% 59.5-14	2						

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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:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 33 @ 8" (H221320-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	124	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	42.9	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	73.1 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 34 @ 1' (H221320-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	180	89.9	200	2.41	
DRO >C10-C28*	57.0	10.0	04/04/2022	ND	174	87.2	200	2.20	
EXT DRO >C28-C36	19.5	10.0	04/04/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.3	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Company Name	e: Etech Environmental & Safety Solu	tions	, Inc	.			T	2.1	B	11	LTO	1				ANALYSIS REQUEST
Project Manage	er: Jance Crenshou	U					1	P.O. #								
Address: 261	17 W Marland AR 4-1-22						0	Compa	any 7	M	lewbou	ume	1			
City: Hobbs	State: NM	Zip	: 88	240		_		Attn: 7					1 1			
Phone #: (57	5) 264-9884 Fax #:							Addres					1			
Project #:	Project Owne	r:						City:		_			1			
Project Name:	White Federal #1							State:		z	Zip:			(WS	18	
Project Locatio		_					-	hone	#:	_			Chloride	TPH (8015M)	BTEX (8021B)	
	Aaron Rios		-					ax #:		_			- Př	H	EX	
FOR LAB USE ONLY		1			MA	TRIX	_	-	SER	4	SAMPLI	NG	1	Ę	BT	
Lab I.D. HZZ1320	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :		DATE	TIME				
1	NW#2		X		X				X	Ŀ	4-1-22		X	X	X	
ک	FS# 26 @ 3 Ft		X		X				X		1		X	X	X	
3	FS# 27 01 Ft		X		X				X				X	Y	X	
4	FS # 28 @ 1 Ft		X		X	-			X				X	X	X	
5	FS # 29 @ Ft		X)				X	1		-	X	X	X	
6	FS# 30 00 1 Ft		X		X				X	Ł		-	X	Y	X	
7	FS # 31 @ 1 Ff		X		X				X	1			X	X	X	
AR 4-1-22	FS # 32 AD 8 inches		X		X	1			×	4			X	X	X	
AR 4-1-22	FS # 33 @ 8 inches		X)	2			X	ł	U_		X	X	X	
	FS # 34 (A) IH		X)	(×		-	hand a stration	X	X	X	
PLEASE NOTE: Liability an analyses. All claims includ	n d Demoges. Cardinal's linbility and client's exclusive remedy for a ling these for negligence and any other cause whetever shall be Cardinal be linble for incidental or consequental damages, including	deeme	d wale	ed unless	s made	in wells	g and n	ecolumid by	Cardinal	will	hin 30 days aller	completion of t	he applicat	de .		
	ang out of or related to the performance of services hereunder by 0	Cardina	, rega		whethe							Phone Re Fax Resu REMARK	e. Isult: It:			No Add'l Phone #: No Add'l Fax #:
Relinquished B	Time:	Re	ceiv	ved B	V:	Cor	nditio		CHEC	KE	D BY:	Please e	email r	esult	s and (copy of CoC to pm@etechenv.com.
Sampler - UPS	- Bus - Other: 2.38 #	11	3	0			Y es INo	5		itia	ils;)					
FORM-0 Revision	-	rdin	al c	anno	t acc	cept	verb	al cha	nges	. P	Please fax	written o	change	s to	575-39	3-2476

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April 07, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/04/22 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #35 @ 1' (H221334-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	33.8	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #36 @ 8" (H221334-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	325	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	76.4	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	74.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #37 @ 8" (H221334-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	138	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	45.2	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.7	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #38 @ 8" (H221334-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	146	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	41.2	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	83.1 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4 9	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #39 @ 8" (H221334-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	268	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	79.9	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	79.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	147 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #40 @ 8" (H221334-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	256	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	72.1	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #41 @ 8" (H221334-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	160	16.0	04/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	185	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	48.2	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	71.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.7	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #42 @ 8" (H221334-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	416	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	91.8	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 %	59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #43 @ 8" (H221334-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	369	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	95.7	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 9	% 59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #44 @ 8" (H221334-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	144	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	197	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	53.2	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #45 (H221334-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	601	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	143	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #46 (H221334-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	576	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	182	91.0	200	2.78	
DRO >C10-C28*	540	10.0	04/05/2022	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	158	10.0	04/05/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	142 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #47 (H221334-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	214	107	200	3.43	
DRO >C10-C28*	200	10.0	04/06/2022	ND	233	117	200	4.72	
EXT DRO >C28-C36	29.7	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #48 (H221334-14)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	80.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	214	107	200	3.43	
DRO >C10-C28*	195	10.0	04/06/2022	ND	233	117	200	4.72	
EXT DRO >C28-C36	32.9	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	71.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.4	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #49 (H221334-15)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	0.102	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	0.227	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	0.329	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	96.0	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	214	107	200	3.43	
DRO >C10-C28*	1510	10.0	04/06/2022	ND	233	117	200	4.72	
EXT DRO >C28-C36	257	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	179 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS #50 (H221334-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.18	109	2.00	6.87	
Toluene*	<0.050	0.050	04/05/2022	ND	2.15	108	2.00	6.39	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	2.12	106	2.00	6.10	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.51	108	6.00	5.76	
Total BTEX	<0.300	0.300	04/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	272	16.0	04/05/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	214	107	200	3.43	
DRO >C10-C28*	215	10.0	04/06/2022	ND	233	117	200	4.72	
EXT DRO >C28-C36	50.4	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 19 of 20

101 East Marland, Hobbs, NM 88240

(ETE) 202 2226 EAV (ETE) 202 2476

Company Name	e: Etech Environmental & Safety Solut	tions	, Inc	2.						BI	LL	TO						ANALYSIS	REC	QUE	ST		
Project Manage	F: Lance Crenshaw							P.O.	#:								T					T	
Address: P.C								Con	npa	ny: Y	M	enhor	urne										
City: Lovingt	on State: NM	Zip:	: 88	260				Attn	: *	Roh	hil	e R											
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	429					Add		-		- 1											
Project #:	Project Owner		-					City							11								
Project Name:	White Federal #1							Stat	-		Zi	D:			(WS	a l							
Project Locatio	m:						-	Pho	-	#:				Chloride	TPH (8015M)	ATEX (8021B)							
Sampler Name:	1 1							Fax						Ť	H	X							
FOR LAB USE ONLY					M	TRI	_	_	_	SERV		SAMPLI	NG		Ę	E							
Lab I.D. H221334	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :		DATE	TIME										
1	FS#35A IFA		X)	_		Т	T		4	4.22		x	X		X						
2	FS# 36 @ 8in		X)							1		X	X	X							
3	FS # 39 @8in		X			X					Γ	1		X	X	X							
4	F5 # 38 @ 8 in		X		1	X						T		X	X		1						
5	FS # 39 @ 8 in		X		1	X								X	X		\square						
6	FS # 40 (A) 8 in		X			X								X	X	X							
7	FS # 41 @ 8 in		X)	5								X	X		1						
8	FS # 42 @ 8 M		X)									X	X								1
9	FS # 43 (A) 8 in		X		>						1	1		X	X	-	X						
10	FS # 44 @ 8 in		X)				-		<u> </u>			X	X	1)	(
Relinquished B Aaron M Relinquished B Delivered By	Cardinal be liable for incidental or consequential duringes, including ing out of or related to the performance of services hereunder by C by: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Cardinal be liable to the performance of services hereunder by C Time: Tim	Re Re C #	ceiv ceiv	ed unles illon, bu ved E ved E	ample ool		n ditti 'Yes No	DITI		Cardinal toos of p any of U CHECH (first	villele rolle i he abo	30 days after incurred by c ove plated rev () BY: ()	r completion of the dent, in subsidie mont or otherwise Phone Re Fax Resul REMARKS	w applicat ins, io. sult: it: S: mail n	esult	s to		o Add'I Fax #:					

Page 148 of 391

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 20 of 20

101 East Marland, Hobbs, NM 88240

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

Company Name	: Etech Environmen	the second se	-	, In	C.						BI	LL TO			-			AN	ALYS	IS R	EQUI	EST	 	
Project Manage	Jance Crensha	au							P.O.	*:						1	T	T	T	T	T			
Address: P.C									Com	pan	y: 7	menbour	ne	1										
City: Lovingt	on	State: NM	Zip	: 88	260							ick												
Phone #: (57	5) 396-2378	Fax #: (575) 3	396-1	429)				Addr			- 1-		1										
Project #:		Project Owne	r:						City:															
Project Name:	White Feder	21#1						-	State			Zip:			(WS	18								
Project Locatio	n:								Phor	-	-	esp.		Chloride	TPH (8015M)	BTEX (8021B)								
	Aaron Kids							-	Fax					ž	H	X								
FOR LAB USE ONLY	Marca 1403		Г		T	M	ATRE	_	-	_	ERV.	SAMPL	ING	1°	E I	E								
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ICE / COOL	OTHER :	DATE	TIME											
11	FS#45		T	Y		_	1		Т	T		4-4-22		X	X	X	T	T		T				
12	FS #46			X		3	(1		X	X	X					T			
13	FS#F47			X		3	<							X	×	X								
14	F5#48			Х		3	_							×	X	X								
15	FS#=49			X)						11		×	×	×								
16	FS#50			X		-	X			-		-		X	X	X								
							-				-							-						
									-	-								-	-	-	-			
						-	-		-	-	-					-		-	-	-	-			
	d Demeges, Cardinal's liability and cli																		1	1				
errice. In no event shall of efficience or successors are Relinquished B Aaron A Delivered By	(Circle One) 17.3 - Bus - Other:	ouental demages, includin of services hereunder by i Date: 4.4.20 Time: 1600 Date: Time: 2 C - 0.5 16.8°c #	Re		ved I	amplication	e Co Inta	dons, lo claim is molific ct Yes No		e, or ik ipon a Ci	HECK	ED BY:	client, its subsidie	ries, suit: it: S: email r	esult	stop		Add	1 Phon 1 Fax #					

Page 149 of 391



April 07, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/05/22 16:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 51 @ 8" (H221355-01)

BTEX 8021B	mg,	′kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/06/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	496	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	323	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	65.4	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 52 @ 8" (H221355-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/06/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	368	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	251	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	55.5	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 53 @ 8" (H221355-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/06/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	404	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	64.9	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 54 @ 8" (H221355-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/06/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	416	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	230	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	53.4	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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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:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 55 @ 8" (H221355-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/06/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	800	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	131	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	26.7	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.8	% 59.5-14	2						

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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:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 56 @ 8" (H221355-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/07/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/07/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/07/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	1040	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	1400	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	289	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	142 9	% 59.5-14	2						

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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:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 57 @ 8" (H221355-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/07/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/07/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/07/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	833	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	188	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	90.8	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	6 59.5-14	2						

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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:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 58 @ 8" (H221355-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/07/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/07/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/07/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	75.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	145	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	37.9	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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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:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 59 @ 8" (H221355-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/07/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/07/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/07/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	96.0	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	168	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	24.6	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 60 @ 8" (H221355-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2022	ND	0.470	94.1	0.500	4.52	
Toluene*	<0.050	0.050	04/07/2022	ND	0.471	94.1	0.500	2.74	
Ethylbenzene*	<0.050	0.050	04/07/2022	ND	0.475	95.0	0.500	2.97	
Total Xylenes*	<0.150	0.150	04/07/2022	ND	1.56	104	1.50	1.84	
Total BTEX	<0.300	0.300	04/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/06/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2022	ND	181	90.3	200	0.996	
DRO >C10-C28*	93.2	10.0	04/06/2022	ND	184	92.1	200	0.975	
EXT DRO >C28-C36	14.2	10.0	04/06/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 13 of 13

101 East Marland, Hobbs, NM 88240

(575) 393-2326 EAY (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.							BILL TO ANALYSIS REQUEST																		
Project Manage	France Cron	share							P.	0. #	:						T		T			T		T	T
Address: P.C									Company: Meubourne				1												
City: Lovingto	on Hobbs IR	State: NM	Zip	: 88	260								52 7	1	1										
Phone #: (575) 396-2378 4-5-22 Fax #: (575) 396-1429							Idre	-			· · · · · · · · · · · · · · · · · · ·														
Project #:		Project Owner	-	_					-	ty:					1										
Project Name:	Unite Feder	n(#1								ate:	-		Zip:		1.	(W)									
Project Locatio		at 11 t							1	none		-	enh.		Chloride	TPH (8015M)		BIEX (8021B)							
Sampler Name:	1 1 .								-	x #:			·		1 2	H (8		X							
FOR LAB USE ONLY	piolon pios				-	M	ATR	IX	l' a	-	-	ERV.	SAMP	LING	- °	dL									
Lab I.D.	Samp	le I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
1	FS # 51	@ Binch S		X		-	1	T	T		X		4-5-22		X	¥	T	X					1		T
2	F\$#52	@ Binches		T			Ī				1				Í	1	T	1				1	1	1	-
3	FS# 53	@ 8 Inches									T						T	T				1			1
4	FS# 54	AD 8 inch 6					IT								T		T								
5	FS#55	As inches																							
Lp	FS#56	A 8 inches																							
7	FS#37	as 8 inches																							
8	FS#58	A2 8 inches																							
9	F5#59	to 8 inches									1		1		V	N.	1	1							
10	FS#60	(A) & I WChes		V		(U		V		•	V									
bervice. In no event shall C affiliates of successors and Relinquished B Relinquished B Delivered By	terdinal be liable for incidential o ing out of or related to the perior y: //.	Date: 4532 Time: 1632 Date: Time:	Re		ved	By:	le Ce	tions, <u>h claim</u>	is bes	if use, i and up	or los on an	in of particular parti		by client, its subsid	intion, o tea. esuit: uit: (S:		'es	D No	A	dd'i Pi dd'i Fi	ax #:				

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April 11, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/06/22 16:25.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 61 @ 8" (H221401-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.10	105	2.00	4.42	
Toluene*	<0.050	0.050	04/09/2022	ND	2.06	103	2.00	5.19	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.04	102	2.00	5.68	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.32	105	6.00	5.67	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 62 @ 8" (H221401-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.10	105	2.00	4.42	
Toluene*	<0.050	0.050	04/09/2022	ND	2.06	103	2.00	5.19	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.04	102	2.00	5.68	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.32	105	6.00	5.67	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 63 @ 8" (H221401-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.10	105	2.00	4.42	
Toluene*	<0.050	0.050	04/09/2022	ND	2.06	103	2.00	5.19	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.04	102	2.00	5.68	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.32	105	6.00	5.67	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	271	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	62.2	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 64 @ 8" (H221401-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.10	105	2.00	4.42	
Toluene*	<0.050	0.050	04/09/2022	ND	2.06	103	2.00	5.19	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.04	102	2.00	5.68	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.32	105	6.00	5.67	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	258	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	52.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 65 @ 8" (H221401-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.10	105	2.00	4.42	
Toluene*	<0.050	0.050	04/09/2022	ND	2.06	103	2.00	5.19	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.04	102	2.00	5.68	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.32	105	6.00	5.67	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	1520	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	875	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	209	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	168 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 66 @ 8" (H221401-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.19	110	2.00	0.415	QR-03
Toluene*	<0.050	0.050	04/11/2022	ND	2.20	110	2.00	0.846	QR-03
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.17	109	2.00	0.0430	QR-03
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	2280	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	1810	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	474	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	248 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 67 @ 8" (H221401-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	1680	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	896	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	455	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	175 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 68 @ 8" (H221401-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	171	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	90.5	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	80.7	66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 69 @ 8" (H221401-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	6350	50.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	2180	50.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	78.6	66.9-13	6						
Surrogate: 1-Chlorooctadecane	724 9	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 70 @ 8" (H221401-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	144	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 71 @ 8" (H221401-11)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.5	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 72 @ 8" (H221401-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	61.3	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	22.4	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.5	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 73 @ 8" (H221401-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	784	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	382	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	255	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 74 @ 8" (H221401-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	187	93.5	200	7.12	
DRO >C10-C28*	109	10.0	04/08/2022	ND	179	89.7	200	5.97	
EXT DRO >C28-C36	24.7	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	87.6 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 %	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 75 @ 8" (H221401-15)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 76 @ 8" (H221401-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.5	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 77 @ 8" (H221401-17)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	<16.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.6	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 78 @ 8" (H221401-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	<16.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 79 @ 8" (H221401-19)

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	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	45.7	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	22.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.3	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 80 @ 8" (H221401-20)

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	04/11/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/11/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 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	544	16.0	04/11/2022	ND	400	100	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*	<50.0	50.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	2040	50.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	382	50.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	119 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124 9	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 81 @ 8" (H221401-21)

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	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	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	32.0	16.0	04/11/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	100 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 82 @ 8" (H221401-22)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	77.5	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	26.1	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 83 @ 8" (H221401-23)

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	04/11/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/11/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	1150	50.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	287	50.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	179 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 84 @ 8" (H221401-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	281	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	75.5	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	96.5 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 %	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 85 @ 8" (H221401-25)

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	04/09/2022	ND	2.19	110	2.00	0.415	
Toluene*	<0.050	0.050	04/09/2022	ND	2.20	110	2.00	0.846	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.17	109	2.00	0.0430	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.68	111	6.00	0.0689	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	461	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	118	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 86 @ 8" (H221401-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2022	ND	2.11	105	2.00	1.76	
Toluene*	<0.050	0.050	04/09/2022	ND	2.09	105	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/09/2022	ND	2.02	101	2.00	1.42	
Total Xylenes*	<0.150	0.150	04/09/2022	ND	6.24	104	6.00	1.93	
Total BTEX	<0.300	0.300	04/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	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	128	16.0	04/11/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	883	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	197	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	157 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 87 @ 8" (H221401-27)

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	04/08/2022	ND	2.11	105	2.00	1.76	
Toluene*	<0.050	0.050	04/08/2022	ND	2.09	105	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.02	101	2.00	1.42	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.24	104	6.00	1.93	
Total BTEX	<0.300	0.300	04/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	98.5	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	49.3	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.3	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 88 @ 8" (H221401-28)

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	04/08/2022	ND	2.11	105	2.00	1.76	
Toluene*	<0.050	0.050	04/08/2022	ND	2.09	105	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.02	101	2.00	1.42	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.24	104	6.00	1.93	
Total BTEX	<0.300	0.300	04/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.5	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 89 @ 8" (H221401-29)

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	04/08/2022	ND	2.11	105	2.00	1.76	
Toluene*	<0.050	0.050	04/08/2022	ND	2.09	105	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.02	101	2.00	1.42	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.24	104	6.00	1.93	
Total BTEX	<0.300	0.300	04/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.7	% 59.5-14	2						

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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:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS # 90 @ 8" (H221401-30)

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	04/08/2022	ND	2.11	105	2.00	1.76	
Toluene*	<0.050	0.050	04/08/2022	ND	2.09	105	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.02	101	2.00	1.42	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.24	104	6.00	1.93	
Total BTEX	<0.300	0.300	04/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2022	ND	400	100	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	04/08/2022	ND	182	90.9	200	3.89	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	163	81.6	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.6	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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	Etech Environmental & Safety S	olutions	, Inc.						B	ILL	TO						ANA	LYSI	S RE	EQUE	ST		
roject Manage	": Lance Crenshaw						P.0). #:															
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FOR LAB USE ONLY		T	П		MATR	IX	-	_	SERV	. si	MPLI	NG	10	TP	BTE								
_		(C)OMP.	ERS	ER																			
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8	FS#6808in.	С	11		J					1		-	V	V	V		1	1	1				+
9	FS# 2908in.	C	il	1	J						7		V	1	1		1		1			-	-
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vice In no event shall Ca lates or successors arisin	ng those for negligence and any other cause whatsoever sha ardinal be liable for incidental or consequental damages, inc ng out of or related to the performance of services hereunde	luding withour by Cardinal	d waived at limitation I, regard	l unless r on, busin less of w	nade in w ess intern hether suc	niling an options,	d naces	ved by use, o	Cardinal r loss of p	within 30 o	rred by c	lient, its subsidier	ries, se										
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Solutions, Inc.	BILL TO		1 1	ANALYSIS REQUEST
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Раде 34 of 35

	RDINAL LABORATOR 101 East Marland, Hobbs, NM (575) 393-2326 FAX (575) 39	88240															3	<u>م</u>	3	
Company Name:	Etech Environmental & Safety		, Inc		-				BI	LL TO					AN	ALYS	IS RE	QUE	ST	 -
Project Manager	· Lance Crenshaw						P	0. #:				1		1 1						
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April 13, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/07/22 16:08.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 91 @ 8" (H221427-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	201	101	200	0.148	
DRO >C10-C28*	160	10.0	04/12/2022	ND	214	107	200	0.287	
EXT DRO >C28-C36	28.4	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 92 @ 8" (H221427-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.3	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	483	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	94.9	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 93 @ 8" (H221427-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	0.096	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	0.308	0.150	04/11/2022	ND	6.14	102	6.00	13.5	GC-NC1
Total BTEX	0.404	0.300	04/11/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	420	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	81.3	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 94 @ 8" (H221427-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.9	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	1010	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	214	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 95 @ 8" (H221427-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	0.127	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	0.731	0.150	04/11/2022	ND	6.14	102	6.00	13.5	GC-NC1
Total BTEX	0.858	0.300	04/11/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	131	% 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	400	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	81.6	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	3200	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	694	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 96 @ 8" (H221427-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	448	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	751	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	198	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 97 @ 8" (H221427-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	14.5	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.4	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 98 @ 8" (H221427-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Toluene*	<0.050	0.050	04/11/2022	ND	2.06	103	2.00	13.2	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.97	98.4	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.14	102	6.00	13.5	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 99 @ 8" (H221427-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 100 @ 8" (H221427-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	118	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	13.8	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 101 @ 8" (H221427-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	316	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	59.7	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 %	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 102 @ 8" (H221427-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	419	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	93.3	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 103 @ 8" (H221427-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	779	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	155	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 104 @ 8" (H221427-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	197	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	46.8	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 105 @ 8" (H221427-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.95	97.4	2.00	8.20	
Toluene*	<0.050	0.050	04/12/2022	ND	1.94	97.1	2.00	8.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.86	92.8	2.00	8.65	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.77	96.1	6.00	8.21	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	94.5 \$	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 %	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 106 @ 8" (H221427-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	14.1	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	87.9 \$	66.9-13	6						
Surrogate: 1-Chlorooctadecane	<i>99.3</i> 9	59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 107 @ 8" (H221427-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 108 @ 8" (H221427-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	32.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 %	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 109 @ 8" (H221427-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	240	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	62.5	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	85.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 110 @ 8" (H221427-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	0.244	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	0.559	0.150	04/12/2022	ND	6.18	103	6.00	0.794	GC-NC1
Total BTEX	0.808	0.300	04/12/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	105	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	3390	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	717	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	115 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	130 9	% 59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 115 @ 8" (H221427-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	209	104	200	0.282	
DRO >C10-C28*	207	10.0	04/12/2022	ND	225	112	200	2.62	
EXT DRO >C28-C36	78.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 116 @ 8" (H221427-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 117 @ 8" (H221427-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	644	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	100	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 118 @ 8" (H221427-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	756	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	205	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	59.5-14	2						

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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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 119 @ 8" (H221427-25)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	0.069	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	0.548	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	0.741	0.150	04/12/2022	ND	6.18	103	6.00	0.794	GC-NC1
Total BTEX	1.36	0.300	04/12/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/12/2022	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*	28.4	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	1340	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	460	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	()						

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Celeg D. Keine

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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 120 @ 8" (H221427-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	0.054	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	901	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	234	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 121 @ 8" (H221427-27)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	0.322	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	0.543	0.150	04/12/2022	ND	6.18	103	6.00	0.794	GC-NC1
Total BTEX	0.864	0.300	04/12/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	33.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	1560	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	316	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	145 9	% 59.5-14							

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Celeg D. Keine

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:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 122 @ 8" (H221427-28)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	528	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	215	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	66.8	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 123 @ 8" (H221427-29)

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	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	596	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	141	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 124 @ 8" (H221427-30)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.077	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	0.182	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	0.140	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	0.543	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	GC-NC1
Total BTEX	0.942	0.300	04/12/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	143 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	92.1	50.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	5460	50.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	1150	50.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	138 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	304 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 111 @ 8" (H221427-31)

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	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	624	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	118	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 112 @ 8" (H221427-32)

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	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	1340	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	279	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 113 @ 8" (H221427-33)

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	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	875	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	182	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 114 @ 8" (H221427-34)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	79.1	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	12.5	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.0	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-13



	101 East Marland, (575) 393-2326																		1-,	0	
Company Name	: Etach Faviana	to tal + Safet		tio		Inc		1		-	BI	LL TO					ANALYS	IS REC	QUEST	1	
Project Manage	H: Lance Crens	how			in ,	-11.9	-		P.0). #:								TT			
Address 24	TLMI	1							Cor	mpa	ny: N	lenbour	AC	1							
City: Habbs		State: NM	Zip	: 8	80	240			Att	n: /	obbi	cRunne	15	1							
Phone #: 57	5)396-2378	Fax # (575)	39	6-	140	29				dres											
Project #: 15	286	Project Owne	r: R	b	ie	Rin	nel.	s	City	y:				1							
Project Name:	5)396-2378 286 White Federal	1							Sta	te:		Zip:		1	1.1			1 1			
Project Locatio	n: Mewbourne O	:1 Company		-					Pho	one	#:			1							
Sampler Name:	Eric Mojica								Fax					1	P	3					
FOR LAB USE ONLY				Г		M	ATR	X		FRE	SERV	SAN	IPLING		S	0 2					
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SUL	SLUDGE	OTHER :	ACID/BASE:	ICE / GOOL- OTHER :		1	chloride	(MSIOS) HAT	BTEX (30					
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0	FS98e8in. FS99e8in.		C	H		1	1	-	-		J	\langle		V	1	1	-+-+-	+ +	-		+ +
The second secon	FS 100 - 8in.		C	+			1	-		-	7	\geq		1	V	1			-		
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CARDINAL NoRush Laboratories

ORW-000 R 3.2 10/071

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (ETE) 202 2220 EAV (ETE) 202 2470

Laboratories No Rush

	Etech Enviro			I.	Sal	t		Inc			BI	LL	TO			_		1	ANAL	YSIS	RE	QUE	ST		
Project Manager:	Lance Crenshaw	I COLORISE S	Ve	9	001	1102	44	- 45	P.0). #															
Address: 2617	W. Marland								Co	mpa	any: /	1ew	base	a C	1										
City: Hopps	6 1 (575) 0 0 396-2378	State: NM	Zip:	8	82	40	1				Robbi				1										
Phone #: 10	81 (575) -2378	Fax # 575)39	16-	14	29				dres		- 11	witz ~	12											
Project #: 1528	36	Project Owner	- P.I	h:	R		1.		Cit																
Project Name: W		riojeet ourioi	•100		- /11	ANC	17	-	Sta	-		Zip:													
Project Location:	Membourne Oil (^							-	one		cib.					0								
Sampler Name: E	- M	-ompany						-	Fax							3	8								
FOR LAB USE ONLY	ric Mojica				-	MA	TRI	x	_	-	ESERV.	-	SAMP	LING		20	03								
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11221487			(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / GOOL OTHER :	D	ATE	TIME	J	7	3								
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analyses. All claims including the	mages. Cardinal's liability and client's one for negligence and any other cau	ne whatsoever shall be d	loemed v	winived	d unless	mede	in welli	ing and	receiv	red by	Cardinal v	eithin 30	daya aller	completion of t	he applicat	le									
affiliates or successors arising ou	al be liable for incidential or conseque it of or related to the performance of s	services hereunder by Ca	ardinal, r																						
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Sampler - UPS - Bus	s - Other: Corre	ected Temp. °C	10	20	C	Ye		Yes		5	(Init	ials)		Thermomet Correction			Rush							d Temp.	

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

Received by OCD: 7/1/2022 11:50:27 AM

	01 East Marland, Hobbs, NR (575) 393-2326 FAX (575) 3															3-43	3	
	Etech Environmental & Safety		Inc	2.				B	ILL TO					ANA	LYSIS	REQU	EST	
ddress: P.O. 6	Lance Creashan	N				-	2.0.1		A 1									
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roject Name:	11. to Fala I I		00	le_1	Unne		ity:		Zip:			Ŵ	18)					
roject Location:	Marken A:1C	-					hone		zip:		ride	015	802					
ampler Name:	Thite Federal 1 Menbourne Dil C. Eric Mojica	empha	y	-			ax #				Chloride	TPH (8015M)	BTEX (8021B)					
FOR LAB USE ONLY	- in the second				MATRI		-	RESERV	SAMPL	NG	1	TP	BT					
		OMP.		œ		11												
1-1-10	Commits I D	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER				1										
Lab I.D.	Sample I.D.	BOF	TAIL	NDV EVVA		U C	BASE	000										
221427		G)RA	CON	GROUNDWATE	SOIL	SLUDGE	ACID/BASE	ICE / 000E	DATE	TIME								
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22	FS 116@8in.	С	1	-	1			1	1		V	1	1					
23	FS 117@ 8in.	C	1		1			V			\checkmark	1	1					
24	= S 118e 8in.	C	1		1		-	1	16		V	1	1					
	FS 119e 8in. FS 120e 8in.	C			1		+	1	\rightarrow		V	V			+		++	
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30]	FS 124 e 8in	С	1		1			J.	1		\checkmark	1	\checkmark					
ASE NOTE: Liability and D vses. All claims including to	hamages. Cardinal's liability and client's exclusive ran have for negligence and any other cause wheteoever	ady for any claim shall be deemed	waive	g whether b d unless m	ased in co ade in write	ntract or b	ort, shall ceived b	I be limited by Cardinal v	to the amount pei within 30 days alle	d by the client for r completion of th	ille le applicat	de						
lates or successors arking of elinguished By:	but of or related to the performance of services hereu			diess of whe		claim is b	esed up	ton any of th	e above stated re	Phone Re		O Ye	s 🗆 No	Addi	Phone #			
0	Date:	22	C	0	1	· `	-		\sim	Fax Resul	t:	O Ye			Fax #:			
no My	- 10	08	Q	Ve	Da	Rel	94	W	V	REMARKS	5.							
linquished By:	Date:	Re	Leiv	red By:			0	-	0									
Alline d Di	Time:					4955	-	011		Please e	mail n	esults	to pm@	etechen	v.com.			
Delivered By:	Circle One) 5.9%	-0.51	C		ple Con		1		(ED BY: tials)									



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 40 of 40

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

Company Name: Etch Environmental + Safe	U Sol. In.	BILL TO	ANALYSIS REQUEST
Project Manager: Lance Crenshaw	P.O. 1	.#:	
Address: P.D. Box 301	Com	npany: Mewbourne	
City: Hobbs State: N.M. Zip: 88 Phone #: 575.394.2378 Fax #: 575.394.1	40 Attn:	Robbie Runnels	
Phone #: 575.394.2378 Fax #: 575-394 1	29 Addr		
Project #: 15286 Project Owner: Pobbic	Punnels City:	:	
Project Name: White Federal 1	State	e: Zip:	
Project Location: Mewbourne Cil Compan	y Phon	ne #:	
Sampler Name: Fric Moii ca	Fax	the second se	
FOR LAB USE ONLY	MATRIX PF	PRESERV. SAMPLING	
Lab I.D. Sample I.D. MO(0) NO BVA(5) HD21427 31 FS III @ 8 in. C 1 32 FS II2 @ 8 in. C 1 33 FS II2 @ 8 in. C 1 34 FS II4 @ 8 in. C 1 34 FS II4 @ 8 in. C 1	VASTEWATER VASTEWATER Soll OIL SLUDGE OTHER :	V 47-32 V	T T
Relinquished By: Date: Received Time:	ees made in writing and received outlives interruptions, loss of use of whether such claim is based of By: A Right	In the second se	applicable
Delivered By: (Circle One) Observed Temp. °C 5.9 °C Sampler - UPS - Bus - Other: Corrected Temp. °C 5.9 °C FORM-oon B 3.2 (0007/21) Corrected Temp. °C 5.9 °C	Sample Condition Cool Intact Yes Yes No No No	CHECKED BY: Turnaround (Initials) Thermometer Correction Fac	Rush Cool Intact Observed Temp. °C ID #113 Yes Yes

Received by OCD: 7/1/2022 11:50:27 AM



April 18, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 15:48.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 125 @ 8" (H221455-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	1600	10.0	04/13/2022	ND	224	112	200	12.1	QM-07
EXT DRO >C28-C36	376	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 126 @ 8" (H221455-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	04/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	706	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	234	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 127 @ 8" (H221455-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	04/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	36.0	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	14.1	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	86.6	66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 128 @ 8" (H221455-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	04/14/2022	ND	416	104	400	0.00	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	91.9	10.0	04/14/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	104	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 129 @ 8" (H221455-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	783	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	276	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 130 @ 8" (H221455-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	339	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	150	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 131 @ 8" (H221455-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.094	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	0.218	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	0.126	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	0.335	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	0.773	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	139 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.8	50.0	04/14/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	4800	50.0	04/14/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	1160	50.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	117 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	157 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 132 @ 8" (H221455-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	75.8	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	30.5	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 133 @ 8" (H221455-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/14/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	373	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	151	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 134 @ 8" (H221455-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	<0.050	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	1960	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	663	10.0	04/14/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	551	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	96.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 135 @ 8" (H221455-11)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	0.052	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	0.057	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	0.273	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	0.382	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	1500	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	1610	10.0	04/14/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	556	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	135	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 136 @ 8" (H221455-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	<0.050	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	944	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	25.8	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	11.8	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 137 @ 8" (H221455-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	0.086	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	0.429	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	0.515	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 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	432	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	25.1	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	1800	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	453	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 9	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 138 @ 8" (H221455-14)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	0.315	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	1.08	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	4.82	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	6.21	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	191	% 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	Qualifie
Chloride	1890	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	284	10.0	04/14/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	5100	10.0	04/14/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	1010	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	128	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	139	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 10 (H221455-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	<0.050	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	272	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 11 (H221455-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	<0.050	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	85.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 12 (H221455-17)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	1.57	
Toluene*	<0.050	0.050	04/13/2022	ND	2.16	108	2.00	2.65	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	1.85	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.58	110	6.00	1.67	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	11.8	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 13 (H221455-18)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.12	106	2.00	6.97	
Toluene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	6.43	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	6.66	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.19	103	6.00	6.18	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	465	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	867	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 8 (H221455-19)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	153	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	122	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 9 (H221455-20)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	4800	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	198	99.0	200	11.1	
DRO >C10-C28*	656	10.0	04/13/2022	ND	224	112	200	12.1	
EXT DRO >C28-C36	173	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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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:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: NW 2 (H221455-21)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	139	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: NW 3 (H221455-22)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	103 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 10 (H221455-23)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	511	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	170	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	140 \$	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 11 (H221455-24)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	04/14/2022	ND	400	100	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	1670	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	497	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	255	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 12 (H221455-25)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/14/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	22.8	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	13.5	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	100 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES No.1 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	* 3 / 1						a.	f 3
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Manager: Lance Crenshaw	P.O. #:	1						
ss: P.O. Box 301	Company: Me wb	urne						
tovington Hobbs State: NM Zip: 88260 88	40 Attn: Robbie Runn	els						
#: (575) 396-2378 Fax #: (575) 396-1429	Address:							
## 15286 Project Owner: Robbie Runn	S City:							
Name: White Federal 1	State: Zip:	1	5 M	21E				
t Name: White Federal 1 t Location: Mewbourne Oil Company	Phone #:		Chloride	(80				
er Name: Eric Mojico	Fax #:	Contract of the local data and t	Chloride	3TEX (8021B)				
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no event shall Cardinal be lable for incidental or consequental damages, including without imitation, business in	writing and received by Cardinal within 30 days a muptions, loss of use, or loss of profits incurred b	y client, its subsidiaries.	upplicable I,					
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NoRush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.73

Company Name			76 ons,	Inc.					BI	LL TO					AN	ALYS	IS R	EQUE	ST	
Project Manager	Lance Creasho	NW						P.0	0. 非:								1			
Address: P.O.							-	Co	mpany: /	Membo	VAR									
City: Lovingto	Hobbs s	tate: NM	Zip: {	882	88 00	24	0	Att	n: Robb	R	ols									
Phone #: (575	5) 396-2378 F	ax #: (575) 39	6-14	29					dress:	C NON!	ers.									
Project #: 15	286 P	roject Owner:	P	11.	. D		1.	City		-										
Project Name:	286 Nhite Federal "Mewbourne O: Eric Mojica	1	10	bur (e (un	ne	13			Time			Ŵ	(B)						
Project Location	M. L. O.	10						-	ite:	Zip:		Chloride	TPH (8015M)	3TEX (8021B)						
Sampler Name:	E Mine V	Lompo	ny						one #:			아	1 (8)	×						
FOR LAB USE ONLY	Eric / lojica		-	Т	MA	TRI	X	_	RESERV.	SAMPL	ING	0	TP	E E						
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER Solt				ACID/BASE ICE / COOF OTHER :	DATE	TIME									
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le	WWII		C		1	1			L			V	\checkmark	1						
17	WWIZ		C	1	J	-			1	1		1	\checkmark	1						
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analyses All claims heddin service. In no event shall Ca affiliates of successora anile Relinquished By Relinquished By Delivered By:	g those for negligence and any other cause andinat be fielde for incidental or consequent go aut of or related to the performance of se T T (Circle One) 4.0c	a whatsoever shell be de tal damages, including a vivices hereunder by Ca Jate: 4-8-22 Time: 1548 Date:	Rec	imitati imitati egardi	l unless made ion, business i	e Co	ing and plions, in claim i claim i claim i	is base	ved by Cardinal w wee, or loss of pr ad upon any of the	e above stated re	ir completion of th client, its subsidier	no applicat ies. ie suit: it: 5:	C Ye	is 🔲 I	No Ad	d'I Phon d'I Fax # env.col				 -

<mark>Page 29 of 30</mark>

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RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

NoRush

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Page 267 of 391

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3.+3

Company Name:	(575) 393-2326 FAX Etech Environmental	the second se	the second s	s In	c			T			RI	LL TO		-				ANA	VSI	DE	QUES	т		-
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Phone #: (575)	Hobbs	State. MM	200	1,00	200	000	(40					e Runn	els											
	001	Fax #: (575)	390-	1425	1	-	-	-	Add	-	s:													
Project #: 150	286 Nhite Federal	Project Owne	ər: K	obb	ie K	VAA	e s	-	City:					1	=	m								
Project Name:	Nhite Federal								State	9:		Zip:		e l	TPH (8015M)	BTEX (8021B)								
Project Location:	Mewbourne O Eric Mojica	i Com	Pan	4					Pho	ne i	#:	_		Chloride	80	(80								
Sampler Name:	Eric Mojica			~	_		_		Fax	#:	_			5	I	1 à								
FOR LAB USE ONLY					-	MA	TRIX	-	P	RE	SERV.	SAMP	ING		F	6								
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :		ICE / COOL	DATE	TIME											
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25	EW12		C	1		1		-	-	1		/		V	1	V	-						_	_
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Sampler - UPS -		3.5%	#	113		Yes		Yes			(Init	tials)												



April 18, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 16:03.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 15 @ 4' (H221484-01)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	224	112	200	3.12	
DRO >C10-C28*	26.8	10.0	04/14/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	11.1	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	59.5-14	2						

Sample ID: FS 18 @ 3' (H221484-02)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	224	112	200	3.12	
DRO >C10-C28*	21.9	10.0	04/14/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	112 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	123 %	59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 19 @ 2' (H221484-03)

TPH 8015M	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	224	112	200	3.12	
DRO >C10-C28*	25.7	10.0	04/14/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.2	% 59.5-14	2						

Sample ID: FS 20 @ 2' (H221484-04)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	224	112	200	3.12	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 %	<i>59.5-14</i>	2						

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Celeg D. Keine

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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 21 @ 2' (H221484-05)

TPH 8015M	mg,	mg/kg Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	10.7	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

Sample ID: FS 23 @ 2' (H221484-06)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	111 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 %	6 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 24 @ 2' (H221484-07)

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	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	115 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 9	59.5-14	2						

Sample ID: FS 25 @ 2' (H221484-08)

ТРН 8015М	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	72.3	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	48.6	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	113 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	128 %	<i>59.5-14</i>	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 49 @ 1.5' (H221484-09)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

Sample ID: FS 56 @ 1.5' (H221484-10)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 %	59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 57 @ 1.5' (H221484-11)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	11.4	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	13.9	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	106 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 %	6 59.5-14	2						

Sample ID: SW 3 B (H221484-12)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	113 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 %	59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 139 @ 2' (H221484-13)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 140 @ 2' (H221484-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	23.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 141 @ 2' (H221484-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	31.9	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 142 @ 2' (H221484-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 143 @ 2' (H221484-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	18.4	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 144 @ 2' (H221484-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	32.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	79.3	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	13.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	107 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	131 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 145 @ 2' (H221484-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	100 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 146 @ 2' (H221484-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	68.6	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	12.4	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	109 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	130 %	6 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 147 @ 2' (H221484-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 148 @ 2' (H221484-22)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	126	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	26.3	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	131 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 149 @ 2' (H221484-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	20.4	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 150 @ 2' (H221484-24)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	189	94.5	200	8.21	
DRO >C10-C28*	23.5	10.0	04/14/2022	ND	220	110	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 151 @ 2' (H221484-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	25.1	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 152 @ 2' (H221484-26)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	57.6	10.0	04/18/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	158 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 153 @ 2' (H221484-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	14.9	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 154 @ 2' (H221484-28)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	8.29	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	98.8	2.00	7.12	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	6.48	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.82	97.1	6.00	6.93	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	46.1	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	25.4	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	113 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	130 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 155 @ 2' (H221484-29)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 156 @ 2' (H221484-30)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 157 @ 2' (H221484-31)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	42.7	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	13.9	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	1169	66.9-13	6						
Surrogate: 1-Chlorooctadecane	133 9	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 158 @ 2' (H221484-32)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	36.8	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	13.6	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 159 @ 2' (H221484-33)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	42.8	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 160 @ 2' (H221484-34)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	74.1	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	14.2	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	113 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	132 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 161 @ 2' (H221484-35)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	63.2	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	11.9	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	132 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 162 @ 2' (H221484-36)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	28.4	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 163 @ 2' (H221484-37)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	78.6	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	22.4	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	115 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	138	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 164 @ 2' (H221484-38)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	43.5	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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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:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 165 @ 2' (H221484-39)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	47.8	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 166 @ 2' (H221484-40)

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	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B mg/kg		kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	79.3	10.0	04/14/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	14.2	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	116 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	138 9	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORA 101 East Marland, Hobbs (575) 393-2326 FAX (5)	, NM 88240			100100		1 ff	
ompany Name: Elech Environmental & S	the second secon	BILL TO			ANALYSIS I	REQUEST	
roject Manager: Lance Creashau	,	P.O. #:					T
dress: P.O. Box 301		Company: Merbourne					
ty: Lovington Hobbs Stat	Attn: Robbie Runnels						
ione #: (575) 396-2378 Fax	#: (575) 396-1429	Addross					
oject #: 15286 Proj	ect Owner: Robbie Runels	City:					
oject Name: White Federal 1		State: Zip:	e	21B			
oject Location: Mewbourne Oil	Comeny	Phone #:	Chloride	(80			
oject Name: White Federal 1 oject Location: Mewbourne Oil mpler Name: Eric Mojica		Fax #:	Chi	TPH (8015M) BTEX (8021B)			
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SE NOTE: Liability and Damages. Cardinal's liability and client's exclu	we remedy for any claim arising whether based in contr	tct or tort, shall be limited to the amount paid by the cl	ant for the				
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Page 37 of 40

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476							2	.+4		
company Name: Etech Environmental & Safety Solutions,	Inc.	BILL TO		1			ANALYS	S REQUE	EST	
roject Manager: Lance Creashaw		P.O. #:		1	1					TT
ddress: P.O. Box 301		Company: Mento	ine							
ity: Lovington Hobbs State: NM Zip:	88260 88240	Attn: Robbie Run	nels	an entry of						
hone # (575) 306_2378 Eav # (575) 306_14	20	Address:								
roject #: 15286 Project Owner: Ro	bbie Rynnels_	City:			-					
roject Name: White Federal 1		State: Zip:	de	TPH (8015M)	518					
oject Location: Membourne Oil Company		Phone #:	Chloride	(801	BTEX (8021B)					
roject Name: White Federal 1 roject Location: Menbourne Oil Company ampler Name: Eric Mojica		Fax #:		Ch	H	TEX				
OK DID USE DIET	MATRIX	PRESERV. SAMP	ING		F	60				
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 In no event shall Cardinal be liable for incidental or consequental damages, including without lia ses or successors arising out of or related to the performance of services hereunder by Cardinal, re 	egardless of whether such claim is		easons or otherwis	e						
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roject Manager: L	ance Creashaw				P	.0. #:			1	1	Π				T
ddress: P.O. Box	301		-		C	Company: Meubourne									
ity: Lovington- Hobbs State: NM Zip: 80260-88240			A	tn: Robbie	Russel	s									
hone #: (575) 390	6-2378 Fax # (575)	396-1	429		1.	ddress:									
roject #: 152	86 Project Owr	er: R	hhi	Rudi	C	ity:	-								
roject Name: Wh	ite Federal 1		001	~ /104A 0. *		tate:	Zip:	-		(W)	19				
roject Location: M	enbourne Oil Comp	-				none #:			Chloride	TPH (8015M)	802				
ampler Name: Eri	- Mailer	any			1-	ax #:					BTEX (8021B				
FOR LAB USE ONLY	- injica	T		MATRIX	1.0	PRESERV.	SAMPL	ING	10	TP	BTB				
		MP.		~					-						
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29 15	15502	C		V.	-		\rightarrow		Y	~	1			+	
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Pa	101 East Marland, Hobbs, NM 8 (575) 393-2326 FAX (575) 393-								4 of 4	+		
Company Name		Contraction of the second s	BILL TO		dam dia ha			ANAL	SIS REQ	UEST	when a separate the second	ter mattin attacks
Project Manage	F: Lance Crenshaw		P.O. #:									T
Phone #: (575) 396-2378 Fax #: (575) 396-1429			Company: Mewbor Attn: Robbie Runn Address: City:	els		()						
Project Name:	White Federal 1	-	State: Zip:		•	SIM	BTEX (8021B					
Project Locatio	n: Mewhause D: 1 Came		Phone #:		Chloride	801	(80)					
Sampler Name:	Eric Mojica		Fax #:		chi	FPH (8015M)	EX					
FOR LAB USE ONLY Lab I.D. <u>H721484</u> 31 32 33	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SolL OIL SUIDGE	PRESERV. SAMPI	TIME		11	â					
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RDINAL LABORATORIES

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April 18, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/12/22 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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 65 @ 1.5' (H221509-01)

TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	111	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

Sample ID: FS 66 @ 1.5' (H221509-02)

TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	184	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	32.7	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	139 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 67 @ 1.5' (H221509-03)

TPH 8015M mg/kg			Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	265	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	69.7	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	151 9	59.5-14	2						

Sample ID: FS 69 @ 1.5' (H221509-04)

TPH 8015M	mg/l	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	122	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	12.8	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	109 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	128 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 80 @ 3' (H221509-05)

TPH 8015M	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	18.6	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	131	% 59.5-14	2						

Sample ID: FS 83 @ 1.5' (H221509-06)

TPH 8015M	mg/l	٨g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	569	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	166	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	99.2 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	137 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 86 @ 1.5' (H221509-07)

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	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	137	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	27.2	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	85.0 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.5 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 167 @ 2' (H221509-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	106 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 168 @ 2' (H221509-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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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:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 169 @ 2' (H221509-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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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:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 170 @ 2' (H221509-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 171 @ 2' (H221509-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 172 @ 2' (H221509-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 173 @ 2' (H221509-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	11.2	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 174 @ 2' (H221509-15)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 175 @ 2' (H221509-16)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 176 @ 2' (H221509-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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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:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 177 @ 2' (H221509-18)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 178 @ 2' (H221509-19)

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	04/14/2022	ND	2.10	105	2.00	5.90	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09	
Total BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	20.6	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	112 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	124 9	59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: FS 179 @ 2' (H221509-20)

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	04/15/2022	ND	2.06	103	2.00	2.20	
Toluene*	<0.050	0.050	04/15/2022	ND	2.06	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.96	98.2	2.00	2.42	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.11	102	6.00	1.91	
Total BTEX	<0.300	0.300	04/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	105	200	2.78	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	217	108	200	9.58	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					
Surrogate: 1-Chlorooctane	120 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	136 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

No Rush

327 of 391

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<u> Page 20 of 21</u>

Company Name:	Etech Environmenta	8 & Safety Solution	ns, In	IC.		l	ILL	TO					AN	ALYSI	S REQU	JEST	
	Lance Crenshan	N			-	0. #:											
Address: P.O. & City: Lovington Phone #: (575) Project #: 5 2 Project Name: W Project Location:	Box 301 Holds 5 396-2378	State: NM Z Fax #: (575) 396	-142	9 9 9 1:= Russels	Att Ad Cit Sta Ph	Idress: V Idress: V Idress	• R. 8018	n el a	Park Blad	Chloride	FPH (8015M)	BTEX (8021B)					
FOR LAB USE ONLY Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER Soll		ACID/BASE	нек :	AMPLI	NG		μ	81					
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71	5 860 1/2		C	1	100	1					1						
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ervice In no event shall Card	those for negligance and any other or Inal be liable for incidential or consequ out of or related to the performance o	iontal damages, including wi f services herounder by Care	ined wei thout limiticel, reg	hed unless made in writing fation, business interruptio arothes of which ar such of ived By ived By:	and recains, loss of alm is based of the second sec	Aved by Cardin If use, or fose of sed upon any of Additional Children of Children CHILD	al within 30 f profils ince	days alter arred by cl stated rea	completion of the lent, its subsidiarie	a applicab ns, is ult: :	O Ye	s 🗆 i	No Add	1'l Phone 1'l Fax #: env.com			
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ARDINAL LABORATORIES	No	Rush
101 East Marland, Hobbs, NM 88240		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.12

	s, Inc.	BILL TO				ANALYSIS REQUEST			
enshaw		P.O. #:				TT	TT		
State: NM 7:	0:00200-88240 1429 Wie Runnels	Attn: Rollie Romed Address: City: State: Zip:	-	15M)	021B)				
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d any other cause whateoever shall be deened tail or consequential damages, including witho performance of services hereunder by Cardina Date: 15550 Date: Time:	ed welved unless made in willing a st limitation, business interruption al, regardless of sheather such deal eccived By: Autoata eccived By:	end received by Cardinal within 30 days alter a loas of use, or loss of profile incurred by cl in the heaved upper any of the above Static (in A days of the state of the s	ient, its subsidiaries. Consor otherwise Phone Result: Fax Result: REMARKS:	Q Yes	No Add	d'i Fax #:	-		
	State: NM Zip Fax #: (575) 396- Project Owner: R and L a Oil Company completion of the second states of the s	State: NM Zip: $\frac{10260}{10260} \frac{88240}{8240}$ Fax #: (575) 396-1429 Project Owner: $\frac{1}{2}$	State: NM Zip: 00200 88240 Fax #: (575) 396-1429 Project Owner: RHie Rowels City: State: Zip: Phone #: Fax #: Phone #: Fax #: Presserv SAMPLI UNITED UNITED U	State: NM Zip::00200-88240 Fax #: (575) 396-1429 Attn:: K-Lije R-mols Project Owmer: Ridje Rogels City: e. 0 il Coeppas j Phone #: e. 0 il Coeppas j Phone #: is Bittie: Zip: advort Visual	State: NM Zip::00200-88240 Fax #: (575) 396-1429 Address: Project Owner: RH: Regents City: e 0 il Company: Mechanomic filty: Regents State: Zip: Phone #: Fax #: e 0 il Company: Mechanomic filty: Regents State: Zip: phone #: Fax #: e 0 il Company: Mechanomic filty: State: Zip: inple I.D. Will Will Jim Will Will Will Jim Will Will Jim Will Will Will Jim Will Will Jim Will Will Will Jim Will Will Jim Q: C II V Q: Q: V	State: NM Zip:::00200-88240 Attn: K-LL; & francis Fax #: (575) 396-1429 Attn: K-LL; & francis Project Owner: RLL; & Reesel / City: e. 0 il Cocrptso j Phone #: Fax #: Fax #: and is the image of the im	State: NM Zip:00200-888240 Fax #: (575) 396-1429 Attn: R-bbje R-mels Project Owner: R-bbje R-mels Address: City: State: Zip: Project Owner: R-bbje R-mels City: State: Jp: Phone #: Phone #: Fax #: Phone #: Phone #:	State: NM Zip-000000-88240 Fax #: (573) 396-1429 Address: Project Owner: R.H.; R. Begel / City: State: NM State: Zip: Project Owner: R.H.; R. Begel / City: State: NM State: Zip: Project Owner: R.H.; R. Begel / City: State: NM State: Zip: Project Owner: R.H.; R. Begel / City: State: NM State: Zip: Project Owner: R.H.; R. Begel / State: Zip: Project Owner: R.H.; R. Begel / State: Zip: Project Owner: R.H.; R.H.; R. Begel / State: Zip: Project Owner: R.H.; State: Zip: Pros #: Project Owner: R.H.; State: Zip: Project Owner: State: Zip: Project Owner: R.H.; State: Zip: Project Owner: State: Zip: Project Owner: R.H.; State: Zip: Project Owner: State: Zip: Project Owner: State: Zip: Project Owner: State: Zip: Project Owner: State: Zip: Zip: Project Owner: Zip: Zip: Zip: Zip: Zip: Zip	

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Released to Imaging: 7/13/2022 9:54:08 AM



April 19, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/13/22 15:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 94 @ 2' (H221548-01)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	189	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	40.3	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	88.7 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.0 \$	% 59.5-14	2						

Sample ID: FS 95 @ 2' (H221548-02)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	26.7	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	12.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	88.2 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.5 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 110 @ 2' (H221548-03)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	106	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	41.6	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	90.9 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.0%	6 59.5-14	2						

Sample ID: FS 112 @ 2' (H221548-04)

TPH 8015M	mg/k	g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	127	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	42.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	87.8 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.0 %	<i>59.5-14</i>	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 113 @ 2' (H221548-05)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	44.7	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	20.1	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	87.2 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5 %	6 59.5-14	2						

Sample ID: FS 119 @ 2' (H221548-06)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	238	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	53.3	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	81.5 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 120 @ 2' (H221548-07)

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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	659	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	171	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	90.4 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	139 %	59.5-14	2						

Sample ID: FS 121 @ 2' (H221548-08)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	105	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	43.3	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	82.6 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 124 @ 2' (H221548-09)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	232	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	66.1	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	93.5 %	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 180 @ 2' (H221548-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	409	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	118	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 181 @ 2' (H221548-11)

BTEX 8021B	mg,	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	16.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 182 @ 2' (H221548-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.9	% 59.5-14	2						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 183 @ 2' (H221548-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 184 @ 2' (H221548-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 185 @ 2' (H221548-15)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 186 @ 2' (H221548-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 187 @ 2' (H221548-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	<16.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 188 @ 2' (H221548-18)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 189 @ 2' (H221548-19)

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	04/18/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 190 @ 2' (H221548-20)

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	04/19/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 191 @ 2' (H221548-21)

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	04/19/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	184	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	38.9	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	135	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 192 @ 2' (H221548-22)

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	04/19/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 193 @ 2' (H221548-23)

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	04/19/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	<16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 194 @ 2' (H221548-24)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.30	
Toluene*	<0.050	0.050	04/19/2022	ND	2.15	108	2.00	6.93	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	6.22	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.64	111	6.00	6.27	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	48.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	234	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	56.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	112	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	140	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 195 @ 2' (H221548-25)

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	04/19/2022	ND	2.14	107	2.00	1.63	QR-03
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	QR-03
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	QR-03
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	QR-03
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 196 @ 2' (H221548-26)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 197 @ 2' (H221548-27)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	112 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 198 @ 2' (H221548-28)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	<16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 199 @ 2' (H221548-29)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	241	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	55.2	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	141 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 200 @ 2' (H221548-30)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 201 @ 2' (H221548-31)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	113 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 202 @ 2' (H221548-32)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 203 @ 2' (H221548-33)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	201	101	200	8.87	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	222	111	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 204 @ 2' (H221548-34)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	204	102	200	4.73	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 205 @ 2' (H221548-35)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	204	102	200	4.73	
DRO >C10-C28*	122	10.0	04/18/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	15.6	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	93 .7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 206 @ 2' (H221548-36)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	16.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	204	102	200	4.73	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	<i>99.3</i>	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 207 @ 2' (H221548-37)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	204	102	200	4.73	
DRO >C10-C28*	266	10.0	04/18/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	51.2	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 208 @ 2' (H221548-38)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	204	102	200	4.73	
DRO >C10-C28*	30.5	10.0	04/18/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	<i>99.7</i>	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 209 @ 2' (H221548-39)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	4.73	
DRO >C10-C28*	55.6	10.0	04/19/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	10.7	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 210 @ 2' (H221548-40)

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	04/19/2022	ND	2.14	107	2.00	1.63	
Toluene*	<0.050	0.050	04/19/2022	ND	2.13	107	2.00	0.906	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.13	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.62	110	6.00	1.55	
Total BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	4.73	
DRO >C10-C28*	52.8	10.0	04/19/2022	ND	194	96.9	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					
Surrogate: 1-Chlorooctane	100 \$	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	(575) 393-2326 FAX (575) 393-	2476																						
Company Name	: Etech Environmental & Safety So	lutions	s, In	C.					E	3/1	LTO						ANA	LYSI	SF	REQI	JEST			
Project Manage	"Lance Creashaw						P.0	0. #	ł								T	I	1					T
Address: P.O							Co	mp	any:	M	ewbour	AR	1											
City: Lovingto	Hobs State: NM	Zip	: 88	260 88	24	0	Att	n: [R 11	ie.	Runels													
Phone #: (57!	5) 396-2378 Fax #: (575)	396-1	429	9			Ad	dro		-81	18	ers Part Bl												
Project #: 15	19L Project Own	er: P	11.	. P.	1.		Cit	ure	Hob	I.	1 DUSING	ent init bl	q											
Project Name:		<u>P</u>	201	e Nume	13	-						216		Î	â									
Project Location	Marken Marken Marken Marken Marken State: NM 5) 396-2378 Fax #: (575) 286 Project Own White Federal I 1: Mewbeurne Oil Compan		-			-				-	Zip: 883	X TO	Chloride	TPH (8015M)	BTEX (8021B)									
Complex Nemo	Mewbourne Oil Compon Eric Mojica	y				-	-	one	-				lor	(80	X (8									
FOR LAB USE ONLY	EricMojica	-	-	1	TRU		-	-	ESER		SAMPLI		Ū	H	E									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	a.		SLUDGE		ACID/BASE	Le le	OIHER	DATE	TIME			Ω									
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5	FS 113°2	C	1	1				-	J	T	/			V			1		1	1		-		1
6	FS 11902	C	1	1					1	T				\checkmark										1
7	FS 120e2	С	1	1					1	T	/			1										
8	FS 121e2	С	1	1			-		1	T				1										
9	FS 124e2	C	1	1					1					\checkmark										
10	FS 180e2	C	1		1				V				1	1	\checkmark									
All claims include revice. In no went shall clu millates or successors and Relinquished By Relinquished By Delivered By:	4-13-22	re deeme ing withou y <u>Cardinal</u> Re Re	d web at live accel accel	red unless made talion, business i	e Co	ng and ions, i claim i Q	on on	ved by use, c ad upo	y Cardina or loss of on any of	al with (profi (the d	in 30 days after Is incurred by cl above stated res	r completion of th	ve applica ries. te suit: it: S:	C Ye	s D	No No	Add'l	Phone Fax #: w.com						

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RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ANALYSIS REQUEST

A	RDINAL LABO 101 East Marland,	Hobbs, NM 88	3240															
Company Name	(575) 393-2326 I		-	, In	C.		-		-				BI	LL TO		-		
Project Manage	T: Lance Crens									P.(D. #							
Address: P.C). Box 301									Co	mp	any	·N	lewbour	AL			
City: Lovingt	on Hobbs	State: NM	Zip	: 88	260	8	52	40)	-				Runnel				
	5) 396-2378	Fax #: (575)	-			-4 4				_				1 Business		Chloride		
Project #: 15	286	Project Own	er: R	11;	0	Rua	AC	15			y:				1 - of the second			
Project Name:	White Federal	Ī	-	~ / 1										Zip: 88	240		(W)	1B)
Project Locatio	n: Mawbourne C	il Compa	-	-					-		one				110	orid	FPH (8015M)	BTEX (8021B)
Sampler Name:	Eric Mojica	ti - on pro	<u>-</u> J							-	× #:	-				Chic	H	X
FOR LAB USE ONLY	J		T	Γ		1	MAT	RIX			PRE	SE	RV.	SAMPLI	NG		4	BTI
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	ROUNDWATER	WASTEWATER	DIL		SLUDGE	OTHER :	ACID/BASE	CE / COOL	OTHER :					
H221548	FS 18102		-	#	Ö	N	- SC	ō	S	0	AC	Q	0	DATE	TIME	-	-	
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Project Location	n:Mew	Mojica	Compan	y						-	ne i			_	Chlori	TPH (801	(80						
Sampler Name:	Eric	Mojica								Fax	#: ~	-			5 U	H	втех						
FOR LAB USE ONLY		3					MA	TRI	X	F	PRES	SERV	SAMPL	ING		1	8						
Lab I.D.		Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	OTHER :	DATE	TIME									
11	FS	18102		C	1		1	1			1		4.13.22		V	1	\checkmark						
12	FS	18202		C	1		1					1			1	V	1						
13	FS	183e 2		C	1		1				1	1	5		1	1	1						
14	FS	184 e 2'		C	1		1				1	1	/		1	1	1						
15	FS	185e2		C	1		1	_			V	1			V	V	1						
16	FS	18665		C	1		1				1	1	/		V	1	\checkmark						
17	FS	18702		C	1		1			_	1	-			1	5	1						
18	FS	188e2		C	1		1				V	1	1		1	V	1						_
19	FS	18902		C	1		1				1	1			V	1	V						
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LEASE NOTE: Liability an natyses. All claims includi ervice in no event shall C fillates or successors arisi	ng those for no ardinal be lieb ing out of or re	gligence and any other co le for incidental or consequented to the	use whatsoever shall be uantel damages, includie	deeme g withou	d waiw at limits	alion, busi	made iness in	in welli terrupi	ng and i lions, loo	receive es of u	d by Ca se, or k	ardinal s	within 30 days allo collis incurred by	er completion o client, its subsid	f the applications,	ble							
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Delivered By: Sampler - UPS	· (Circle	Other:					mple Dol	Con Inta	nditic ict Yes No		CI	HECH	(ED BY:	Please	email	results	s to pm	@ete	chen	v.com			

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RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2	-			_		_	2002	1911	nin 'n	-									5	-				
	Etech Environmental & Safety Solu	tions	, Ind	C.			_				ILL	ro		-	1			AN	ALYS	SIS	REQ	UEST			
Project Manage	"Lance Crenshaw							P.0	_					-											
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ity: Lovingto	Hobbs State: NM	Zip	: 88	260	380	14(Attn	\mathbb{R}	oblie	e Ru,	nel	5												
hone #: (57								Add	res	s: 48	O B	Jines	s 14 Park Bloo												
roject #: \5	286 Project Owner Nhite Federal 1	r: R	1);	e Ru	nne	Is				66															
roject Name:	White Federal 1										Zip:	886	240	0	(MS	18									
roject Location	Manhaurae Oil Company									#: -		-		Pro	301	803									
ampler Name:	Eric Mojica]					_	Fax	-	-				Chloride	TPH (8015M)	BTEX (8021B									
FOR LAB USE ONLY	orror rojrea	T			MA	TRIX	_	the same same same same same same same sam	the second se	SERV	SA	MPLI	ING	1	4	BTI									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	D/	ATE	TIME												
	FS 19102	C	1		1					1	4.13	.22		~	\checkmark	\checkmark									
ब स क्ष स क	FS 192e2	C	1		1					1	1			1	5	\checkmark									
23	FS193@2	C	1		1					1	1			1	1	1									
24	FS 194e2	C	1		1					1		1		1	1	\checkmark									
	FS 19 5e2	C	1		1					1	1			1	1	1									
26	FS 196 = 2	C	1		V				1	1				1	1	1									
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alyses. All claims laclude	d Damages. Cardinal's liability and client's exclusive remedy for a ng those for negligence and any other cause wheteouver shall be	deeme	d waiv	aseless be	made i	in weitin	g and	receive	d by C	Cardinal v	within 30 c	lays alto	r completion of	the applicat	ile										
	Time 1553	Re	, rega	ved B	whether									ise esult: Ilt:	C Ye		No No		'l Phon 'l Fax #		-				
Delivered By: Sampler - UPS	Time: (Circle One) 2.7%) C-O-G	58				Cor		on	C		KED B'	Y:	Please	email r	esults	to pri	n@e	teche	env.co	em.					

101 East Marlar	No F BORATORIES Ind, Hobbs, NM 88240 5 FAX (575) 393-2476	Rush <u>CHAIN</u>	-OF	- <u>CU</u>	STC
e: Etech Environ	mental & Safety Solutions, Inc.	BILL TO			
r: Lance Cre	show	P.O. #:			
D. Box 301	Kalles TP	Company: Mewbourne			
on Hobbs	State: NM Zip: 88260-88240	Attn: Robie Runnels			
5) 396-2378	Fax #: (575) 396-1429	Address: 4801 Business Bork Blvd.			
286	Project Owner: Robbie Runnels	City: Hobbs			
White Feder	all	State: NM Zip: 88240	e	015M)	3021B)
n·M I	0-1 0	Dhana H. C	12	01	0

DDY AND ANALYSIS REQUEST

4 . + 4

Company Name	 Etech Environmental & Safety Solu 	tions, Inc.	BILL TO					ANAL	YSIS	REQUE	ST		
Project Manage	r: Lance Crenshow		P.O. #: -										T
Address: P.C). Box 301		Company: Mewbour	ne									
City: Lovingt	on Hobs State: NM	Zip: 88260-88240	Attn: Robbie Runne										
Phone #: (57	5) 396-2378 Fax #: (575)	396-1429	Address: 4801 Busines										
Project #: 15	286 Project Owne	r: Robbie Russels	City: Hobbs	-F-I II- ULL									
Project Name:	286 Project Owner White Federal 1	Tras a traine i a	State: NM Zip: 88	240	æ	(W)	18)						
Project Locatio	n:Malana Orl C	4	Phone #:	1.1	Chloride	FPH (8015M)	BTEX (8021B)						
Sampler Name:	Eric Mojica	7	Fax #: -		H.	H	X						
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	ING		4	BT						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE ICE / COOL OTHER : OTHER :	TIME									
31	FS201e2	CIV	1 4.13.22		~	5	1						
173 33 14 VS	FS 20202'	CI V	1		5	1	1						
33	FS 20302	C 1 1	V		\checkmark	5	\checkmark						
34	FS 204e2	CI V	1		1	1	1						
35	FS 205 = 2'	CIV			1	\checkmark	1						
34 31	FS 20602	CIV			1	~	1	_				_	
31	FS207e2	CI 1			V	1	1	_	-				
38	FS 208e2	c /			1	~	~						
39	FS209e2' FS210e2'	CIV	$ \rangle$		V	V	/						
LEASE NOTE: Liability a	nd Damages. Cardinal's liability and client's exclusive remedy for	my claim arising whether based in contract	t or fort, shall be limited to the amount pr	id by the client for t	he	~	~					_	
halyses. All claims includ	ing those for negligence and any other cause whatsoever shall be ardinal be lisble for incidental or consequental damages, includit	deemed welved unless made in willing an	nt received by Cardinal within 30 days af			e							
Riates or successors are	the set of a set to do the set of a set	Deadland an and the state of the state of the state	Standard and the stand	Phone Res	anter 1	C Yes	O No	Add'l F	hone #:				
Ein Mo Relinquished B	V: Date:	Received By: Received By: Received By:	uz	Fax Result REMARKS	:	C Yes							
Delivered By	: (Circle One) 2.72) C-O. - Bus - Other: $2-324$	50 Sample Condit	tion CHECKED BY:	Please email results to pm@etechenv.com.									
FORM-006 Revision 1		ardinal cannot accept ve	rbal changes. Please fa	x written cl	hange	s to 5	75-393-2	476					

70 of 391

Released to Imaging: 7/13/2022 9:54:08 AM



April 25, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/20/22 16:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 125 @ 1.5' (H221636-01)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	431	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	243	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 9	59.5-14	2						

Sample ID: FS 129 @ 1.5' (H221636-02)

TPH 8015M	mg/k	cg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	1010	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	286	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	93.0 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 131 @ 1.5' (H221636-03)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	216	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	49.8	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	92.2 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 %	59.5-14	2						

Sample ID: FS 134 @ 1.5' (H221636-04)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	414	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	156	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	92.9 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 135 @ 1.5' (H221636-05)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	324	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	81.2	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129 9	59.5-14	2						

Sample ID: FS 137 @ 1.5' (H221636-06)

TPH 8015M	mg/k	٨g	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	506	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	156	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	97.4 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 138 @ 1.5' (H221636-07)

TPH 8015M	mg/	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	311	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	109	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	59.5-14	2						

Sample ID: EW 11 A (H221636-08)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	42.3	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	10.3	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	96.5 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.3 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 13 A (H221636-09)

TPH 8015M	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	49.2	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.6	% 59.5-14	2						

Sample ID: FS 25 @ 3' (H221636-10)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 26 @ 3' (H221636-11)

TPH 8015M	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 5	% 59.5-14	2						

Sample ID: FS 27 @ 3' (H221636-12)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 28 @ 3' (H221636-13)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.5	% 59.5-14	2						

Sample ID: FS 29 @ 3' (H221636-14)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	92.4 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 148 @ 3' (H221636-15)

TPH 8015M	mg/	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.0	% 59.5-14	2						

Sample ID: FS 163 @ 3' (H221636-16)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	99.2 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 180 @ 3' (H221636-17)

TPH 8015M	mg/	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

Sample ID: FS 191 @ 3' (H221636-18)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 194 @ 3' (H221636-19)

TPH 8015M	mg/	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	59.5-14	2						

Sample ID: FS 199 @ 3' (H221636-20)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 205 @ 3' (H221636-21)

TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.7	% 59.5-14	2						

Sample ID: FS 207 @ 3' (H221636-22)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					
Surrogate: 1-Chlorooctane	110 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

RDINAL LABORATORIES

Company Name: Etech Environme	ental & Safety Solu	tions,	, Inc.		B	ILL TO					ANALYS	IS REQ	UEST		
Project Manager: Lance Creas	haw			1	P.O. #:							TT			
Address: 2617 W Marland				0	Company /	tenberras									
City: Hobbs	State: NM	Zip:	88240		Attn: Robbie	Runch									
Phone #: (575) 264-9884	Fax #:				Attn: Robbie Address: 4	OI Bunger	et Brd.								
Project #: 15286	Project Owne	r: R.	11:0 Runder		City: Habbs	1.1.01.201	- pice								
Project Name: White Federal	1	(14)	ne howers		State: NM	Zin: 88	240		(W)	18)					
Project Location: M	10.				Phone #:	-10.000		Chloride	TPH (8015M)	BTEX (8021B)					
Project Location: Mewbourne Of Sampler Name: Eric Mojica	- capany		1	-	Fax #:			PH	H (8	X					
FOR LAB USE ONLY			MATR	_	PRESER	SAMPL	ING	°	Id	E					
Lab I.D. Sample	I.D.	(G)RAB OR (C)OMP.	# CONTAINERS ' GROUNDWATER WASTEWATER SOIL	SLUDGE	OTHER : ACID/BASE: ICE / COOL	DATE	TIME								
[FS12501/2		C	1 1			4.19.22			1						
2 FS 12901/2		С	1		V	/			V						
3 FS 1310 1/2		C	1		V	1			1						
4 FS 134e1/2 5 FS 135e1/2		C	1		V	/			1						
5 FS 135e11/2		C	1		1	5			1						
le FS 137e 1/2		C	1		1.	/			1						
7 FS 138e11/2		С	1		1				1						
8 EWILA		С			V	/	1		1						
9 WW 13A		C			1	1	-		1						
10 FS25e3		C	1		1	4-20-20			V						
PLEASE NOTE: Liability and Damages. Cardinal's liability and unalyses. All claims including those for negligence and any of service. In no event shall Cardinal be liable for incidental or or utiliates or successors arising out of or related to the perform Relinquished By: Machine Machine Relinquished By: Relinquished By: Delivered By: Sampler - UPS - Bus - Other: FORM-006 Content	ther cause whatboever shall be necessarily an age, including the conservation of the shall be the conservation of the shall be the shall be the shall be the shall be the shall be the shall be the shall be the shall be the shall be the shall	Re	d welved unless made in we at limitation, business intern regardless of whether sur- received By: Ceived By: Ceived By:	ining and r uptions, los th claim is the claim is ondition tact Yes No	received by Cardinal es of use, or loss of based upon any of CHEC On CHEC	I within 30 days all profils incurred by the above stated r KED BY: itials)	er completion of ti client, ils subaidan <u>estons or otherwe</u> <u>Phoné Re</u> <u>Fax Resul</u> <u>REMARKS</u> Please e	he applica ries, se. suit: it: S: email r	Presults	and co	o Add'I Fax #	:	henv.cor	n.	

	RDINAL LABC 101 East Marland, (575) 393-2326 F	Hobbs, NM 882	240																			6	2 . 1	:3	
Company Name	the same the same time to be a same to be a sa			Inc		-	-	-		10	BI	LL	TO		-			-	ANA	LYSI	S RE	QUE	ST		
Project Manage	" Lence Crens!	1aw							P.(0. #:											T	Γ			
Address: 261	7 W Marland								Co	mpa	ny M	eu	bourn	e											
City: Hobbs		State: NM	Zip:	88	240				Att	tn: R	obbi	el	Punal	5											
Phone #: (575	5) 264-9884	Fax #:							Ad	Idres	s: 48	01	Burnes	ParkBlue	/										
Project #: 152	286	Project Owner	Rob	bie	- R.	ULA	els				.360														
Project Name:	White Federal												p: 882	140		TPH (8015M)	BTEX (8021B)								
Project Location	:Mewbourne 0	il Compeny							-	one					Chloride	801	(80)								
Sampler Name:	Eric Mojica	7-5							Fa	x #:	-		-		CPI	H	EX								
FOR LAB USE ONLY	5					M	ATRI	K	-	PRE	SERV		SAMPLIN	IG		F	BT								
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER ;	ACID/BASE:	DTHER ;		DATE	TIME											
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Page 15 of 16

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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of 391

Page

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

Company Name: Etech Environmental & Safety So	olutions, Inc.	BILL TO		ANALYSIS REQUEST							
Project Manager: Lance Creashaw		P.O. #:									
Address: 2617 W Marland		Company Mewbourn	e								
City: Hobbs State: NM	Zip: 88240	Attn: Robbie Runne	15								
Phone #: (575) 264-9884 Fax #:		Attn: Robbie Runs Address: 490 Busines	ParkBlad								
Project #: 15286 Project Ow	ner: Robbie Runnels	City: Hobbs									
Project Name: White Federal 1		State: NM Zip: 88	240	e (WS	21B						
Project Location: Mewbourne Oil Com	PANU	Phone #:		Chloride TPH (8015M)	BTEX (8021B)						
Sampler Name: Eric Mosica	1-3	Fax #:		H CH	EX						
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPL	ING	1	BT						
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER : ACID/BASE: ICE / COOL OTHER :	TIME								
21 FS 205e3	CIV	1 4:20-22		1							
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Sampler - UPS - Bus - Other: 3:36 =	·	(Initials)									
FORM-006 † Revision 1.0	Cardinal cannot accept ve	rbal changes. Please fa	x written cha	anges to	575-393-24	476					



April 27, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: WHITE FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 16:41.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	WHITE FEDERAL 1	Sampling Condition:	** (See Notes)
Project Number:	15286	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: FS 129 @ 2.5' (H221712-01)

TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	199	99.7	200	0.509	
DRO >C10-C28*	156	10.0	04/27/2022	ND	183	91.6	200	0.941	
EXT DRO >C28-C36	38.6	10.0	04/27/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.6	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

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NoRosh Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.									BILL TO							ANALYSIS REQUEST											
Project Manager: Lance Crenshaw											P.O. #:										T		T	1	1		
Address: 2617 W Marland										c	om	bany	N	lewbou	rne												
ity: Hobbs State: NM Zip: 88240									A	ttn:	R.I	bie	Runne	ls													
Phone #: (575) 264-9884 Fax #: Project #: 15286 Project Owner: Robbie Rune 1 Project Name: White Federal								A	ddre	ess:	48	018.000	colik Blo														
							15	c	ity:	Ha	.66.	5	Sector 1														
							1.					Zip: 880	240		WS	18)											
Project Location: Mewbourne Oil Company						_				-			Chloride	TPH (8015M)	BTEX (8021B)												
ampler Name:	Eric	Maile	-	-il courts	-1-3		-				-	ax #					Ř	Ť	X								
FOR LAB USE ONLY		city.			Т	Г		1	ATI	RIX	-	-	ESE	-	SAMPL	ING	Ĭ	₽	E								
Lab I.D.		Sampl	le I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER .	ACID/BASE:	ICE / GOOL	OTHER :	DATE	TIME											
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Received by OCD: 7/1/2022 11:50:27 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
GEORGE A CHASE JR DBA G AND C SERVICE	265378
P.O. Box 1618	Action Number:
Artesia, NM 88211	121249
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bbillings	None	7/13/2022

Action 121249

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