# Remediation Summary & Soil Closure Request

# Mewbourne Oil Company Apollo Chile Verde Water Transfer Line

Eddy County, New Mexico
Unit Letter "J", Section 15, Township 21 South, Range 27 East
Latitude 32.4780968 North, Longitude 104.1706733 West
NMOCD Reference No. nAPP2315849467

Prepared By:

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July 14, 2025

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# 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Apollo Chile Verde Water Transfer Line (henceforth, "Chile Verde"). Details of the release are summarized below:

Latitude: 32.4780968 Longitude: -104.1706733									
	Prov	rided GPS are in WGS84 for	rmat.						
•	hile Verde Water Transfer	• • •	Pipeline						
Date Release Discovere	ed: 5/20/2023	API # (if appl	icable): N/A						
	ction Township	Range	County						
"J" 1	15 21S	27E	Eddy						
Surface Owner: Sta	nte X Federal Trib	al Private (N	ame						
	Nature	and Volume of	Release						
	Tvature	and volume of	Release						
Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)						
X Produced Water	Volume Released (bbls)	Unknown	Volume Recovered (bbls) 240						
	Is the concentration of distance the produced water > 10,0		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	I	Volume/Weight Recovered						
Cause of Release: A lay-flat water transf	er line developed a hole.								
		Initial Response							
X The source of the r	release has been stopped.								
X The impacted area	has been secured to protect	human health and the	environment.						
X Release materials h	nave been contained via the u	use of berms or dikes,	, absorbent pad, or other containment devices						

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

#### 2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater (DTW) beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)				
What method was used to determine the depth to groundwater?	Direct Measurement				
Did the release impact groundwater or surface water?	Yes X No				
What is the minimum distance between the closest lateral extents of the release and the following surface areas?					
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)				
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)				
An occupied permanent residence, school, hospital, institution or church?	Between 1 and 5 (mi.)				
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1,000 (ft.) and ½ (mi.)				
Any other fresh water well or spring?	Between 1,000 (ft.) and ½ (mi.)				
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 1 and 5 (mi.)				
A wetland?	Between 1 and 5 (mi.)				
A subsurface mine?	Greater than 5 (mi.)				
A (non-karst) unstable area?	Between 200 and 300 (ft.)				
Categorize the risk of this well/site being in a karst geology.	Low				
A 100-year floodplain?	Between 1 and 5 (mi.)				
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No				

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Chile Verde 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 February 28, 2024, an investigative soil boring was drilled nearby to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 55 feet 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. In addition, a groundwater gauging event conducted on March 4, 2024, confirmed that the borehole was dry. The location of the investigative soil bore is depicted in Figures 2A, 2B, and 5. A drilling log is provided in Appendix A.

A karst study of the affected area was conducted by a third-party environmental contractor in March and April 2024. According to the *Environmental Karst Study Report* (dated May 12, 2024; amended October 7, 2024), "no surface karst features exist within the 200-foot (61-meter) zone surrounding the spill delineation boundary provided by the client. No anomalies consistent with air- or water-filled voids were found within the CVFR survey area, indicating the zone beneath the geophysical survey is stable. The lack of surface karst features does not mean the area is not karstified and the study area may still contain buried karst features outside of the areas where the geophysical survey was conducted." The karst study report is provided as Appendix E.

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

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

Based on the information summarized above, Mewbourne Oil Company requested that the NMOCD Closure Criteria for the Chile Verde release site be revised as listed in the table below. The request was subsequently approved by the NMOCD and BLM.

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Original Closure Criteria*†	Revised Closure Criteria*†
	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	10,000
Between 51 and	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	2,500
75 (ft.)	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	1,000
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

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

#### 4.0 INITIAL SITE ASSESSMENT

On June 7, 2023, Etech conducted an initial site assessment. During the site assessment, a series of test trenches (SP 1 through SP 5) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, a series of hand-augered soil bores (NH 1 through NH 5, EH 1, SH 1 through SH 5, and WH 1) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the soil bores/test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit and/or the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 34 delineation soil samples (NH 1 @ Sur, NH 1 @ 1', NH 2 @ Sur, NH 2 @ 1', NH 3 @ Sur, NH 3 @ 1', NH 4 @ Sur, NH 4 @ 1', NH 5 @ Sur, NH 5 @ 1', EH 1 @ Sur, EH 1 @ 1', SH 1 @ Sur, SH 1 @ 1', SH 2 @ Sur, SH 2 @ 1', SH 3 @ Sur, SH 3 @ 1', SH 4 @ Sur, SH 4 @ 1', SH 5 @ Sur, SH 5 @ 1', WH 1 @ Sur, WH 1 @ 1', SP 1 @ Sur, SP 1 @ 10', SP 2 @ Sur, SP 2 @ 8', SP 3 @ Sur, SP 3 @ 8', SP 4 @ Sur, SP 4 @ 4', SP 5 @ Sur, and SP 5 @ 3') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results and field screens, the horizontal extent of impacted soil was adequately defined. The vertical extent of impacted soil was adequately defined in the areas characterized by sample points SP 3 through SP 5 and ranged from approximately two (2) feet bgs in SP 5 to seven (7) feet bgs in SP 3. Impacted soil did not extend beyond three (3) feet bgs in the area characterized by sample point SP 4. Additional vertical delineation was required to determine the vertical extent of chloride contamination in the areas characterized by sample points SP 1 and SP 2.

On June 19, 2023, test trenches SP 1 and SP 2 were re-entered and further advanced in an effort to determine the vertical extent of impacted soil. The test trenches were advanced to depths of 11 feet and nine (9) feet bgs, respectively, and two (2) additional delineation soil samples (SP 1 @ 11' and SP 2 @ 9') were collected and submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that the chloride concentration in each soil sample exceeded the NMOCD Closure Criterion in effect at the time and additional vertical delineation was required.

On June 20, 2023, test trenches SP 1 and SP 2 were re-entered and further advanced in an effort to determine the vertical extent of impacted soil. The test trenches were advanced to depths of 11.5 and 9.5 feet bgs, respectively, and two (2) additional delineation soil samples (SP 1 @ 11.5' and SP 2 @ 9.5') were collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples, and the vertical extent of impacted soil was adequately defined.

The locations of the test trenches and hand-augered soil bores are depicted in Figure 3, "Delineaton Sample Location Map".

<sup>\*\*</sup> Environmental Protection Agency

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

#### 5.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date will (or did) the remediation commence?	7/5/2023
On what date will (or did) the final sampling or liner inspection occur?	6/18/2025
On what date will (or was) the remediation complete(d)?	6/18/2025
What is the total surface area (ft²) in need of or that will eventually be reclaimed?	68,806
What is the total volume (cy) in need of or that will eventually be reclaimed?	13,048
What was the total surface area (ft²) that has or will be remediated?	68,806
What was the total volume (cy) that has or will be remediated?	13,192
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	X Yes No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes X No
(In Situ) Soil Vapor Extraction	Yes X No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes X No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes X No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Yes X No
Ground Water Abatement pursuant to 19.15.30 NMAC	Yes X No
Other (Non-listed remedial process)	Yes X No
Which OCD approved facility was or will be used for off-site disposal?	R360 Halfway Facility
NMOCD Disposal Facility ID?	fEEM0112334510
Summarize any additional remediation activities not included by answers above.	See below

On July 5, 2023, remediation activities commenced at the Chile Verde release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the requested NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal extent of impacted soil and to guide the excavation. The sidewalls of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. The entire affected area was excavated vertically to a total depth of approximately four (4) feet bgs. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events conducted to date is provided below:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	51,200	SP 1 @ Surf	6/7/2023	0	Excavated
TPH	241	SP 2 @ Surf	6/7/2023	0	Excavated
GRO+DRO	210	SP 2 @ Surf	6/7/2023	0	Excavated
BTEX	<0.300	All submitted soil samples	Various. See Table 1.	0 - 11.5	In-Situ & Excavated
Benzene	<0.050	All submitted soil samples	Various. See Table 1.	0 - 11.5	In-Situ & Excavated

Please reference Table 1 for additional information.

On July 7, 2023, Etech collected 34 confirmation soil samples (NW1 through NW16, EW1, EW2, EW3, and SW1 through SW15) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 10, 2023, Etech collected 19 confirmation soil samples (NW17 through NW25 and SW16 through SW25) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 13, 2023, Etech collected eight (8) confirmation soil samples (NW 26, NW 27, NW 28, EW 4, SW 26, SW 27, WW 1, and WW 2) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 17, 2023, Etech collected 20 confirmation soil samples (NW 29 through NW 33, EW 5 through EW 8, SW 28 through SW 34, and WW 3 through WW 6) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 20, 2023, Etech collected 15 confirmation soil samples (NW 34 through NW 40, EW 9, EW 10, EW 11, SW 35, SW 36, SW 37, SW 39, and WW 7) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 21, 2023, Etech collected six (6) confirmation soil samples (NW 41, NW 42, SW 38, WW 8, WW 9, and WW 10) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 25, 2023, Etech collected 10 confirmation soil samples (NW 43, NW 44, NW 45, SW 40, SW 41, SW 42, and WW 11 through WW 14) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 27, 2023, Etech collected 14 confirmation soil samples (NW 46 through NW 51, EW 12, SW 43 through SW 48, and WW 15) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of sample EW 12, which exceeded the NMOCD Reclamation Standard for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample EW 12.

On July 28, 2023, Etech collected seven (7) confirmation soil samples (NW 52, EW 13, EW 14, SW 49, SW 50, WW 16, and WW 17) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On July 31, 2023, based on laboratory analytical results, field observations, and in-situ chloride migration modeling, Mewbourne Oil Company submitted a *Variance Request* to the NMOCD requesting approval to install a 20-mil, string-

reinforced liner on the floor of the entire excavation/affected area atop impacted soil affected above the NMOCD Closure Criteria. The request was denied on January 26, 2024, on the basis that the NMOCD "will no longer approve liner installations for contaminant mitigation."

On August 1, 2023, Etech advanced four (4) test trenches (TT 1 through TT 4) within the release margins in an effort to further investigate the vertical extent of impacted soil. During the advancement of the test trenches, soil samples were collected at increments of two (2) feet and field-screened for concentrations of chloride utilizing a chloride test kit and/or the presence of VOCs utilizing olfactory/visual senses. Based on field test observations and field test data, a total of 14 delineation soil samples (TT 1 @ 4 through TT 1 @ 10, TT 2 @ 4 through TT 2 @ 10, TT 3 @ 4 through TT 3 @ 12, and TT 4 @ 4) were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and ranged from approximately four (4) feet bgs in trench TT 4 to approximately 12 feet bgs in trench TT 3.

On August 7, 2023, Etech collected one (1) confirmation soil sample (EW 12 B) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that the chloride concentration was below the NMOCD Closure Criterion and NMOCD Reclamation Standard.

On August 17, 2023, Etech collected 20 confirmation soil samples (FT 1 @ 4 through FT 20 @ 4) from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. Chloride concentrations in soil samples FT 1 @ 4, FT 3 @ 4, FT 5 @ 4, FT 6 @ 4, FT 7 @ 4, FT 10 @ 4, FT 11 @ 4, and FT 14 @ 4 through FT 17 @ 4 exceeded the NMOCD Closure Criterion.

On August 22, 2023, Etech collected one (1) confirmation soil sample (EW 12 B) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that the chloride concentration was below the NMOCD Closure Criterion but exceeded the NMOCD Reclamation Standard. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample EW 12 B.

On August 22, 2023, test trenches SP 1 and SP 2 were re-entered and resampled in an effort to confirm that vertical delineation of the affected area had been achieved. Two (2) additional delineation soil samples (SP 1 @ 11.5' and SP 2 @ 9.5') were collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples, and the vertical extent of impacted soil was adequately defined.

On August 30, 2023, Etech collected one (1) confirmation soil sample (EW 12 C) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that the chloride concentration was below the NMOCD Closure Criterion and NMOCD Reclamation Standard.

On July 19, 2024, based on remediation activities conducted to that point, along with the findings of the investigative soil boring and the karst survey summarized in Section 2.0 above, Mewbourne Oil Company submitted a *Remediation Summary & Variance Request* to the NMOCD requesting the following:

- ° A revision of the applicable Table 1 Closure Criteria from ≤50-foot DTW limits to 51- to 75-foot DTW limits (i.e., 10,000 mg/kg chloride; 2,500 mg/kg TPH; and 1,000 mg/kg GRO+DRO).
- ° An alternative sampling plan comprised of five-point composite confirmation samples collected from the floor of the excavated area at intervals representing no more than 400 ft².

On August 14, 2024, the requests were denied on the basis that the NMOCD did not accept the karst survey report prepared by the third-party contractor.

On October 18, 2024, following revision of the *Environmental Karst Study Report* by the third-party contractor in an effort to address the agency's concerns, Mewbourne Oil Company submitted an amended *Remediation Summary & Variance Request* (Amended Variance Request) to the NMOCD reiterating the previously requested variances.

On November 4, 2024, the Amended Variance Request was conditionally approved by the NMOCD. The request to collect confirmation floor samples at a frequency of 400 ft² was approved; however, sidewall samples were still required every 200 ft². The request for revised Table 1 Closure Criteria was denied on the basis that the NMOCD did not accept the revised *Environmental Karst Study Report* (Revised Karst Study Report). It was also mandated by the NMOCD that the discrepancy between the total surface area to be remediated/reclaimed listed in the Amended Variance Request and those listed in previous versions of the report be explained in the remediation closure request.

The original estimate of 98,123 ft² was based on data obtained using a smartphone-based GPS receiver, which is inherently less accurate than a dedicated, commercial-grade GPS unit. In addition, to ensure safety and avoid potential sidewall collapse, the GPS data collector remained several feet back from the edge of the excavation while walking the perimeter, resulting in an overestimate of the surface area. The revised estimate of 68,806 ft² was obtained by digitally tracing the boundaries of the excavation visible in newly available aerial imagery, which yielded a more accurate depiction of the remediated area.

On January 15, 2025, the Amended Variance Request, including the Revised Karst Study Report, was submitted to the BLM and subsequently approved as written on February 18, 2025.

On March 20, 2025, representatives of Mewbourne Oil Company and the NMOCD met via teleconference to discuss the Amended Variance Request and determine a path forward to an NMOCD-approved closure.

On March 28, 2025, the Amended Variance Request, including the Revised Karst Study Report, the alternative sampling plan, and revised NMOCD Closure Criteria (Revised Closure Criteria) was conditionally approved by the NMOCD. As with the conditional approval of the original *Remediation Summary & Variance Request*, the request to collect confirmation floor samples at a frequency of 400 ft<sup>2</sup> was approved, with sidewall samples required every 200 ft<sup>2</sup>. It was also mandated that the liner(s) previously installed in the western portion of the excavation be removed and that contamination in sample points FT1, FT3, FT 5–7, FT 10–11, and FT 14–17 be remediated.

On March 29, 2025, Etech returned to the release site. In accordance with NMOCD requirements, the liner(s) installed in the western portion of the excavation were removed to facilitate additional remedial activities.

On April 1, 2025, Etech advanced test trenches in the areas characterized by sample points FT1, FT3, FT 5–7, FT 10–11, and FT 14–17. During the advancement of the test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a field test kit and/or the presence of VOCs utilizing olfactory/visual senses. Based on field observations and field test data, a total of 22 delineation soil samples (FT 1 @ 5', FT 1 @ 6', FT 3 @ 5', FT 3 @ 6', FT 5 @ 5', FT 5 @ 6', FT 6 @ 5', FT 6 @ 6', FT 7 @ 5', FT 10 @ 5', FT 10 @ 6', FT 11 @ 5', FT 11 @ 6', FT 14 @ 5', FT 14 @ 6', FT 15 @ 5', FT 15 @ 5', FT 15 @ 6', FT 16 @ 6', FT 17 @ 5', and FT 17 @ 6') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Revised Closure Criteria in each of the submitted soil samples, and the vertical extent of impacted soil was adequately defined.

On April 2, 2025, Etech collected 79 confirmation soil samples (FL 1 @ 4' through FL 41 @ 4' and FL 43 @ 4' through FL 80 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable Revised Closure Criteria in each of the submitted soil samples. Chloride concentrations were below the Revised Closure Criterion in a majority of the submitted soil samples, with the exception of samples FL 70 @ 4', FL 71 @ 4', FL 75 @ 4', and FL 80 @ 4'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 70 @ 4', FL 71 @ 4', FL 75 @ 4', and FL 80 @ 4'.

On April 3, 2025, Etech collected 94 confirmation soil samples (FL 42 @ 4', FL 81 @ 4' through FL 143 @ 4', and FL 145 @ 4' through FL 174 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Revised Closure Criteria in each of the submitted soil samples, with the exception of sample FL 162 @ 4', which exceeded the Revised Closure Criterion for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 162 @ 4'.

On April 4, 2025, Etech collected one (1) confirmation soil sample (FL 144 @ 4') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations in the sample were below the applicable Revised Closure Criteria.

On April 9, 2025, Etech collected five (5) confirmation soil samples (FL 70 @ 5', FL 71 @ 5', FL 75 @ 5', FL 80 @ 5', and FL 162 @ 5') 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 that BTEX, TPH, and chloride concentrations were below the applicable Revised Closure Criteria in each of the submitted soil samples.

On April 21, 2025, Etech collected six (6) confirmation soil samples (FL 173 through FL 178) 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 that BTEX, TPH, and chloride concentrations were below the applicable Revised Closure Criteria in each of the submitted soil samples.

During preparation of the closure report for the release, it was discovered that confirmation wall sample EW 12 C collected on August 30, 2023, had not been analyzed for TPH and BTEX. On June 18, 2025, Etech returned to the release site, reexcavated the area characterized by sample point EW 12 C, and collected an additional composite wall sample (EW 12 D). The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations in the sample were below the applicable Revised Closure Criteria and NMOCD Reclamation Standards.

The final dimensions of the excavated area were approximately 1,965 feet in length, three (3) to 140 feet in width, and four (4) to five (5) feet in depth. During the course of remediation activities, Etech transported approximately 13,192 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported an equivalent volume of locally sourced, non-impacted material to the site for use as backfill.

Confirmation soil sample locations and the extent of the excavated area are depicted in Figures 4A - 4C. Soil chemistry data is summarized in Table 1. Field data and a soil profile log are provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix F.

# 6.0 CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	Yes X No
Requesting a remediation closure approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	X Yes No
What was the total surface area (ft²) remediated?	68,806
What was the total volume (cy) remediated?	13,192

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends that Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Chile Verde release site.

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

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	X Yes No
Requesting a reclamation approval with this submission?	X Yes No
Requesting a restoration complete approval with this submission?	Yes X No
What was the total surface area (ft²) reclaimed?	68,806
What was the total volume (cy) reclaimed?	13,048

On April 21, 2025, a 5-point composite soil sample (Backfill) was collected from the material imported to the site for use as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Revised Closure Criteria and/or NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

Upon receipt of all confirmation soil sample results, areas affected by remediation and closure activities were restored to the condition that existed prior to the release, to the extent practicable. Excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected areas were compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable.

On May 8, 2025, affected areas not on production pads, pipeline rights-of-way, and/or lease roads were revegetated with a BLM #3 seed mixture certified to be free of noxious weeds. The seed was installed at the prescribed rate utilizing a broadcaster and harrow. Photographs of the seeding event and a seed tag are provided in Appendix C. A "Revegetation Form" is provided in Appendix G.

#### 8.0 LIMITATIONS

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

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

# 9.0 DISTRIBUTION

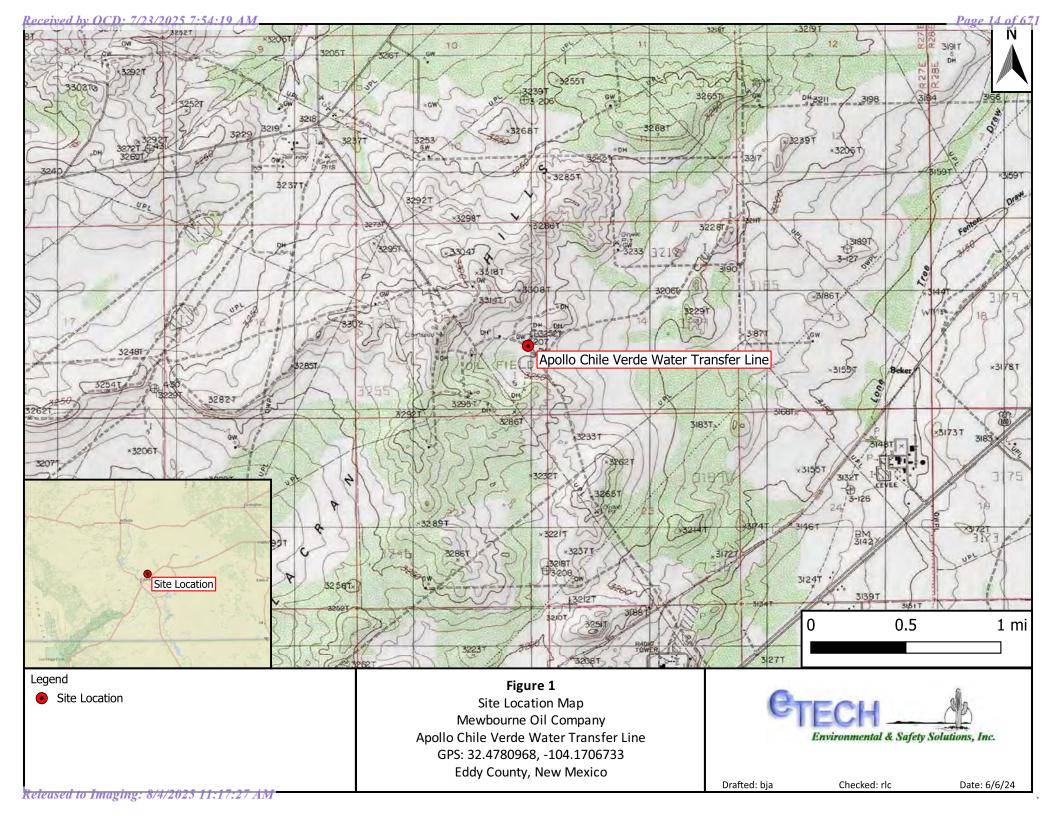
Mewbourne Oil Company 4801 Business Park Blvd. Hobbs, NM 88240

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

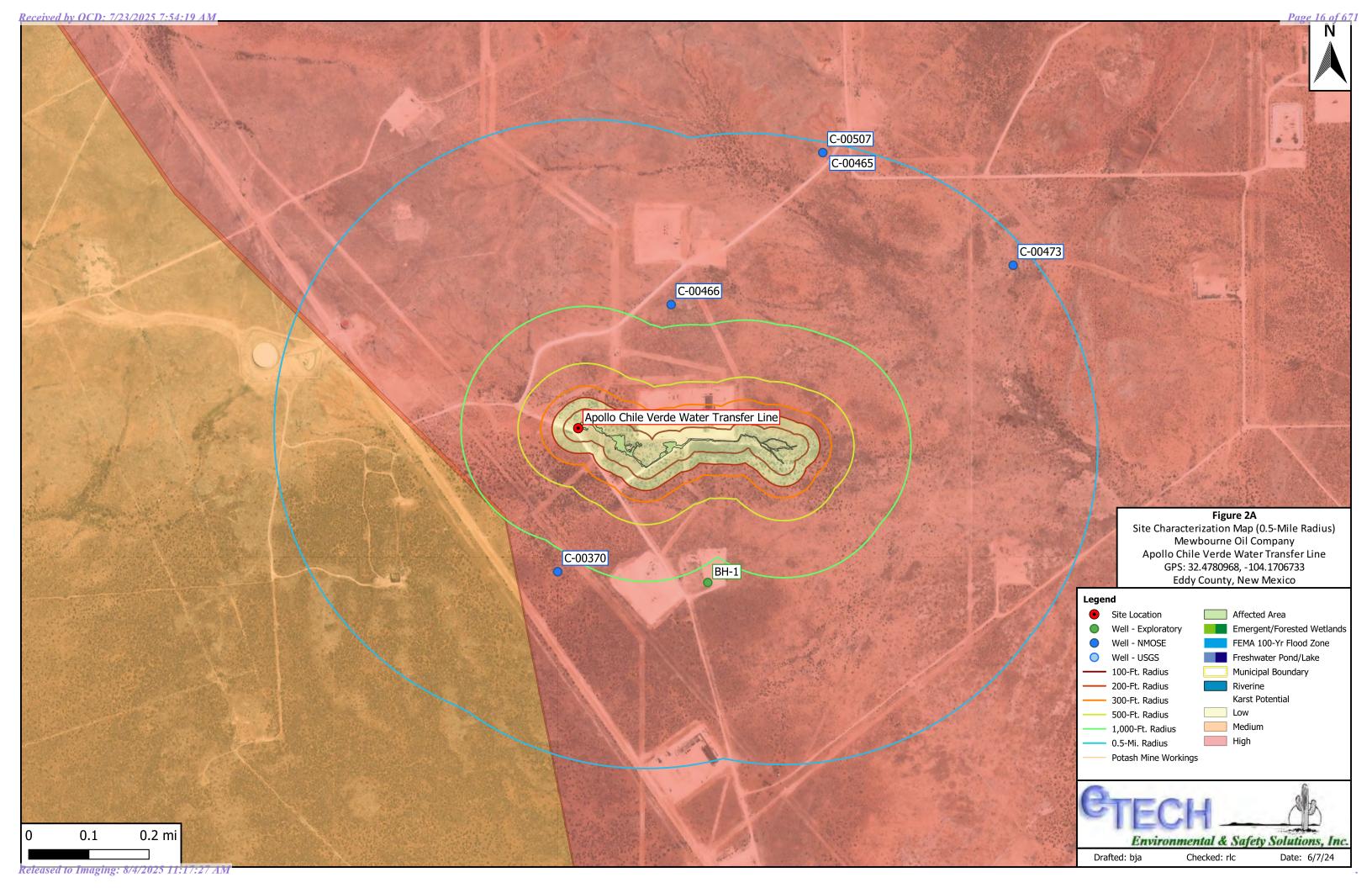
United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

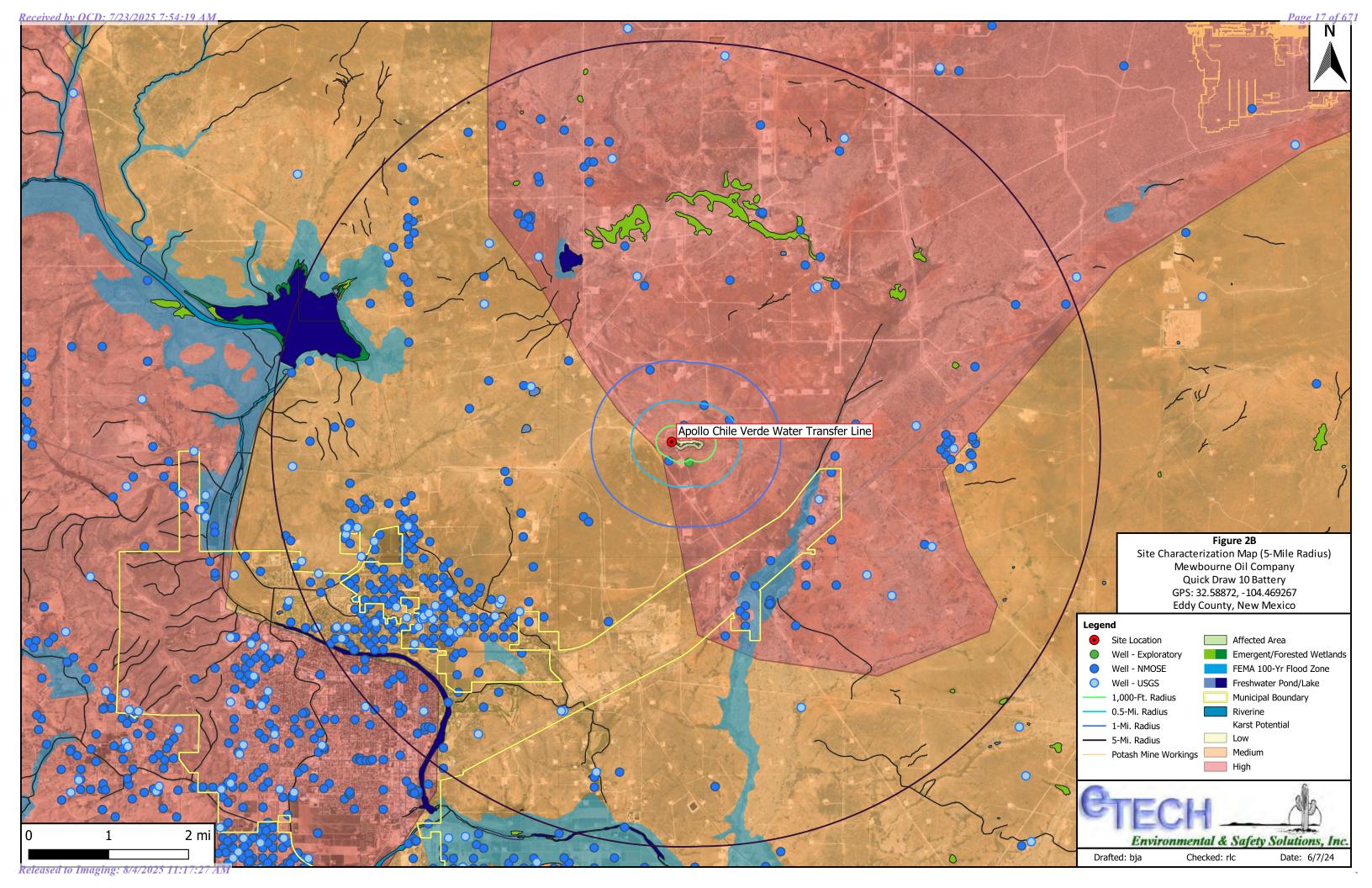
(Electronic Submission)

# Figure 1 Site Location Map

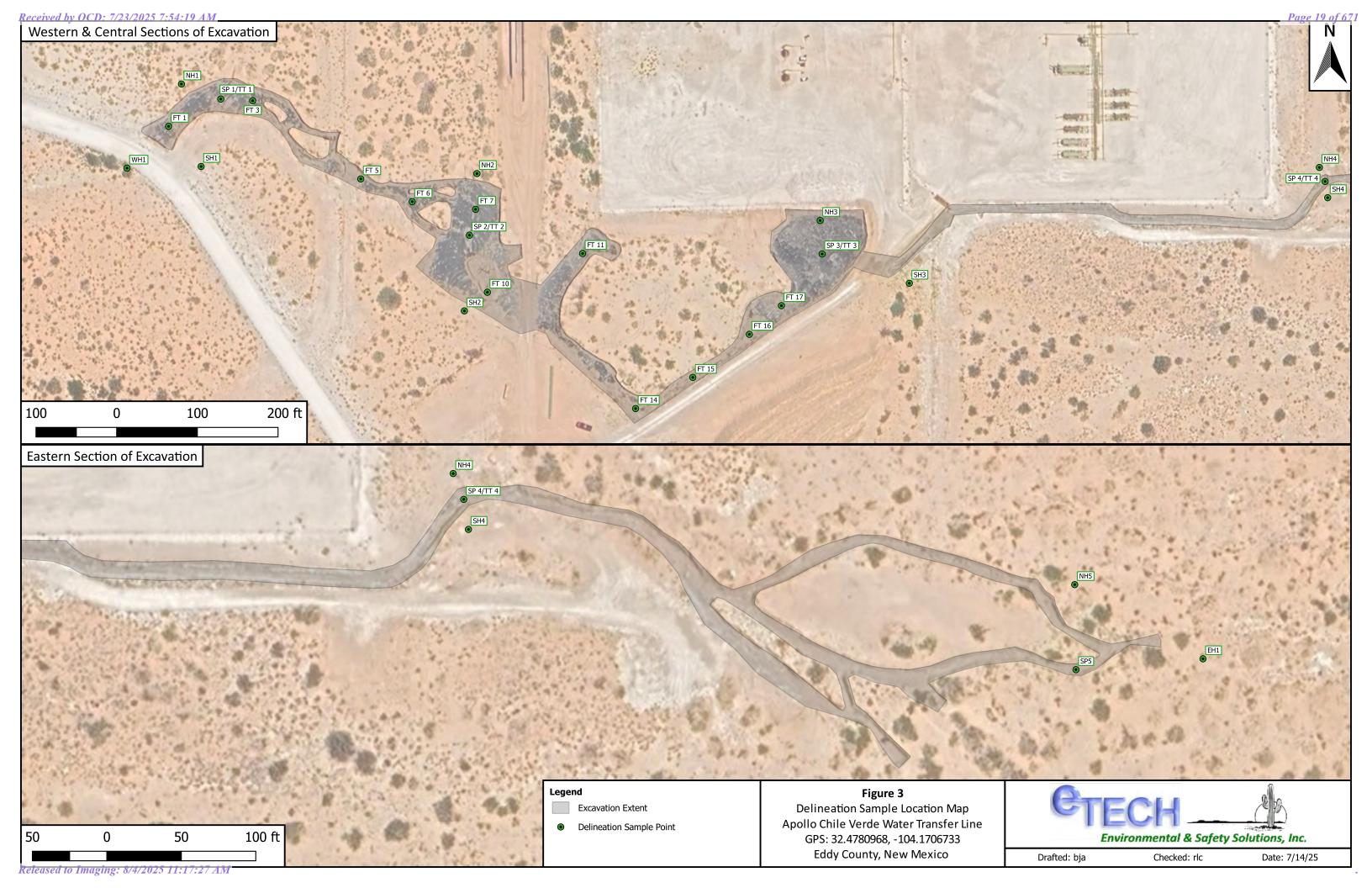


# Figures 2A & 2B Site Characterization Maps

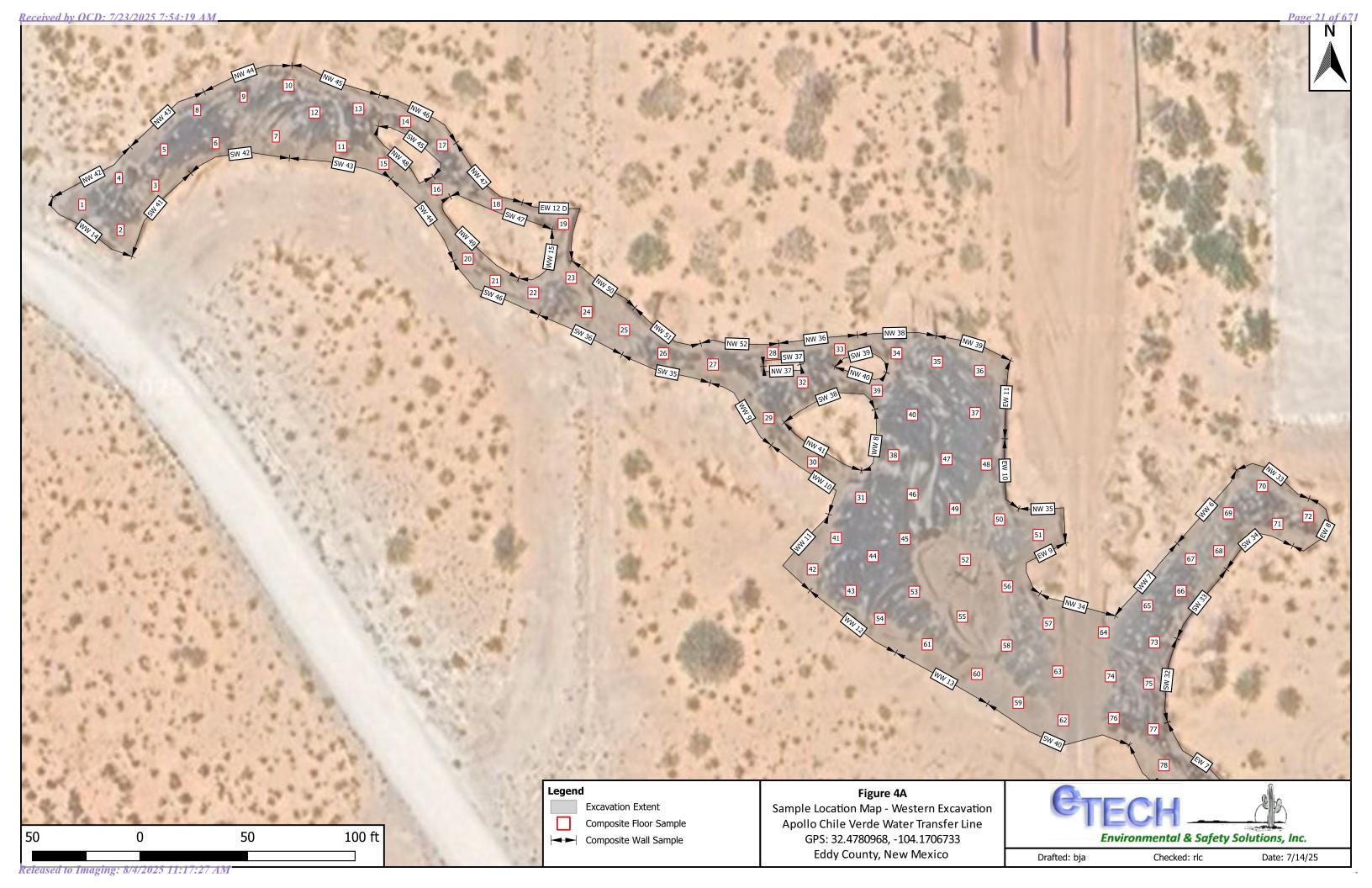


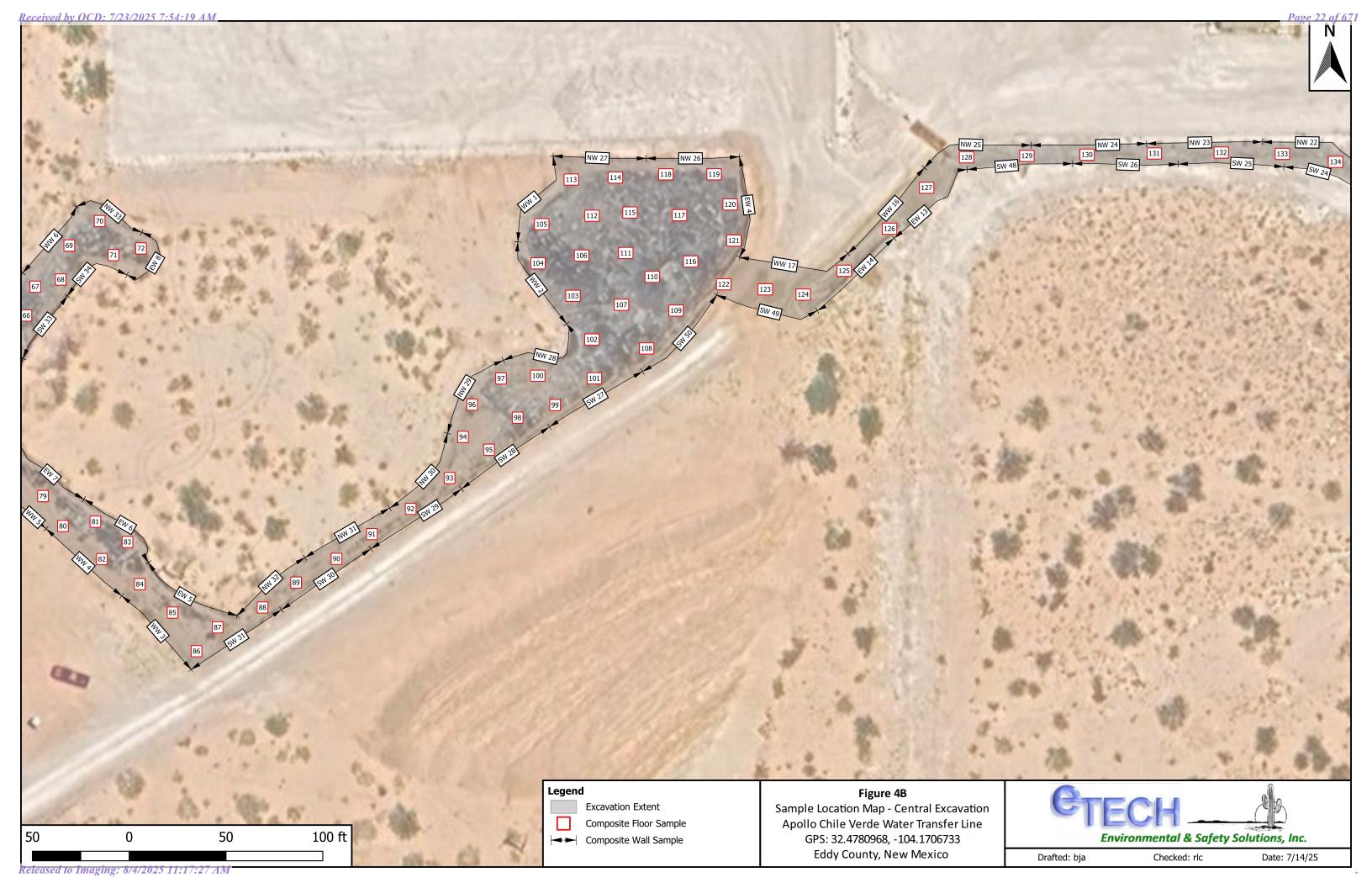


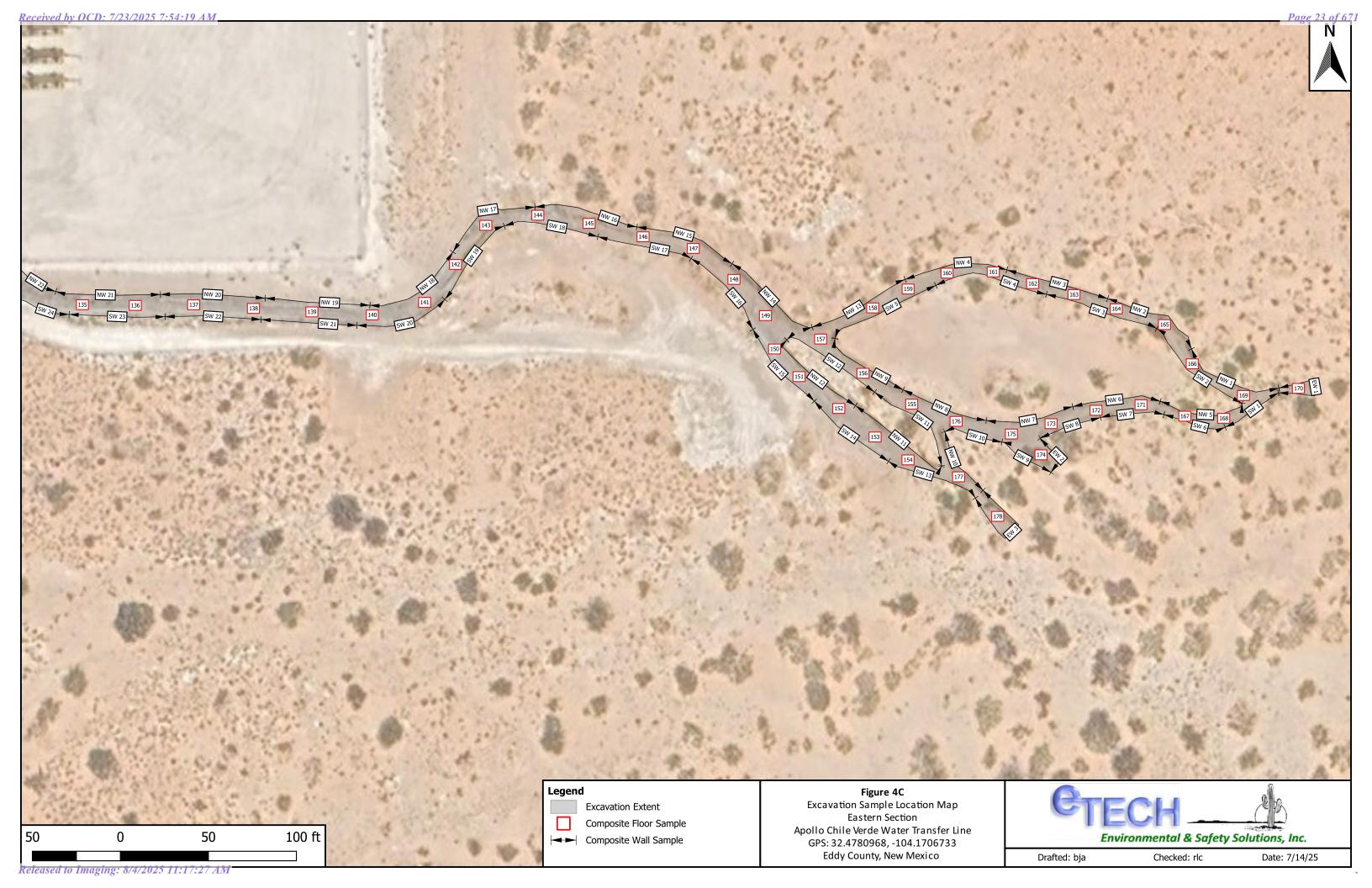
# Figure 3 Delineation Sample Location Map



# Figures 4A – 4C Excavation Sample Location Maps







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

# **Apollo Chile Verde Water Transfer Line**

NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NI	MOCD Reclar	nation Sta	andard		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)	Туре	Soil Status	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride
		(1000)			(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
NH 1 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	<16.0
NH 1 @ 3u11	6/7/2023	1	D	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 2 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 2 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 3 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 3 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 4 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 4 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 5 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH 5 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH 1 @ Surf	6/7/2023	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EH 1 @ 1	6/7/2023	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 1 @ Surf	6/7/2023 6/7/2023	0	D D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	32.0 <16.0
SH 1 @ 1 SH 2 @ Surf	6/7/2023	0	D	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 3 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 3 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 4 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 5 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH 5 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 1 @ Surf	6/7/2023	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 1 @ 1	6/7/2023	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 1 @ Surf	6/7/2023	0	D	Excavated	<0.050	<0.300	<10.0	10.1	10.1	<10.0	10.1	51,200
SP 1 @ 10	6/7/2023	10	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
SP 1 @ 11' SP 1 @ 11.5'	6/19/2023 6/20/2023	11.5	D D	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880 32.0
SP 1 @ 11.5 SP 1 @ 11.5	8/22/2023	11.5	D	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SP 2 @ Surf	6/7/2023	0	D	Excavated	< 0.050	<0.300	<10.0	210	210	31.1	241	26,000
SP 2 @ 8	6/7/2023	8	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1.840
SP 2 @ 9'	6/19/2023	9	D	In-Situ	-	-	-	-	-	-	-	992
SP 2 @ 9.5'	6/20/2023	9.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 2 @ 9.5	8/22/2023	9.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP 3 @ Surf	6/7/2023	0	D	Excavated	< 0.050	< 0.300	<10.0	14.5	14.5	<10.0	14.5	27,200
SP 3 @ 8	6/7/2023	8	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SP 4 @ Surf	6/7/2023	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,000
SP 4 @ 4	6/7/2023	4	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP 5 @ Surf	6/7/2023	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
SP 5 @ 3	6/7/2023	3	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112

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

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

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

#### **Mewbourne Oil Company**

#### **Apollo Chile Verde Water Transfer Line** NMOCD Ref. #: nAPP2315849467

NMOCD Ref. #: nAPP2315849467												
	NMOCD Closure Criteria					50	N/A	N/A	1,000	N/A	2,500	10,000
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)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
TT 1 @ 4	8/1/2023	4	D	In-Situ	-	-	-	-	-	-	-	9,300
TT 1 @ 6	8/1/2023	6	D	In-Situ	-	-	-	-	-	-	-	7,460
TT 1 @ 8	8/1/2023	8	D	In-Situ	-	-	-	-	-	-	-	3,520
TT 1 @ 10	8/1/2023	10	D	In-Situ	-	-	-	-	-	-	-	528
TT 2 @ 4	8/1/2023	4	D	Excavated	-	-	-	-	-	-	-	11,700
TT 2 @ 6	8/1/2023	6	D	In-Situ	-	-	-	-	-	-	-	9,600
TT 2 @ 8	8/1/2023	8	D	In-Situ	-	-	-	-	-	-	-	1,660
TT 2 @ 10	8/1/2023	10	D	In-Situ	-	-	-	-	-	-	-	64.0
TT 3 @ 4	8/1/2023	4	D	Excavated	-	-	-	-	-	-	-	18,800
TT 3 @ 6	8/1/2023	6	D	In-Situ	-	-	-	-	-	-	-	3,040
TT 3 @ 8	8/1/2023	8	D	In-Situ	-	-	-	-	-	-	-	3,600
TT 3 @ 10	8/1/2023	10	D	In-Situ	-	-	-	-	-	-	-	4,200
TT 3 @ 12	8/1/2023	12	D	In-Situ	-	-	-	-	-	-	-	192
TT 4 @ 4	8/1/2023	4	D	In-Situ	-	-	-	-	-	-	-	80.0
NW 1	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 2	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 3	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
NW 4	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW 5	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 6	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW 7	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 8	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 9	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 10	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 11	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 12	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW 13	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW 14	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 15	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 16	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 17	7/10/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 18	7/10/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
NW 19	7/10/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 20	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 21	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 22	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 23	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 24	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
NW 25	7/10/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 26	7/13/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112

Dash (-): Sample not analyzed for that constituent. **Bold**: NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance. Red Border with Shading: Highest observed concentration. A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

## Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Apollo Chile Verde Water Transfer Line**

NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
N	MOCD Reclar	nation St	andard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 846	8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
NW 27	7/13/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 28	7/13/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 29	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 30	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 31	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 32	7/17/2023	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 33	7/17/2023	0-4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 34	7/20/2023	0-4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 35	7/20/2023	0-4	C C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW 36 NW 37	7/20/2023 7/20/2023	0-4	C	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	48.0 80.0
NW 38	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 39	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 40	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW 41	7/21/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 42	7/21/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 43	7/25/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 44	7/25/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 45	7/25/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
NW 46	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW 47	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 48	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 49	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
NW 50	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
NW 51	7/27/2023	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 52	7/28/2023	0-4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
EW 1	7/7/2023	0-4	C C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 2 EW 3	7/7/2023	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0 48.0
EW 3 EW 4	7/13/2023	0-4	C	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0	32.0
EW 5	7/17/2023	0-4	С	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 6	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 7	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 8	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW 9	7/20/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 10	7/20/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 11	7/20/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 12	7/27/2023	0-4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
EW 12 B	8/7/2023	0-4	С	Excavated	-	-	-	-	-	-	-	128
EW 12 B	8/22/2023	0-4	С	Excavated	-	-	-	-	-	-	-	1,520

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

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

# Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Apollo Chile Verde Water Transfer Line** NMOCD Ref. #: nAPP2315849467

	NMOCD Closure Criteria					50	N/A	N/A	1,000	N/A	2,500	10,000
NI	MOCD Reclan	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 846	V 846 8021B SW 846 8015M Ext.					4500 Cl	
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
EW 12 C	8/30/2023	0-4	C	In-Situ	-	-	-	-	-	-	-	128
EW 12 D	6/18/2025	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 13	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW 14	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SW 1	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
SW 2	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW 3	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW 4	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SW 5	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 6	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 7	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW 8	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 9	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 10	7/7/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW 11	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 12	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 13	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 14	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 15	7/7/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 16	7/10/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
SW 17	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 18	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW 19	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 20	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 21	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 22	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 23	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW 24	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 25	7/10/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 26	7/13/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW 27	7/13/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW 28	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 29	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 30	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 31	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 32	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 33	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW 34	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 35	7/20/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 36	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0

Dash (-): Sample not analyzed for that constituent. **Bold**: NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance. Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

#### **Apollo Chile Verde Water Transfer Line** NMOCD Ref. #: nAPP2315849467

NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo				10	50	N/A	N/A	1,000	N/A	2,500	10,000
N	MOCD Reclar	nation Sta	andard		10	50	N/A	N/A	N/A	N/A N/A 100		
					SW 846	8021B		SW	846 8015M	Ext.	ı	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SW 37	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 38	7/21/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW 39	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 40	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 41	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 42	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 43	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 44	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 45	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 46	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW 47	7/27/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SW 48	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SW 49	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 50	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 1	7/13/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 2	7/13/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 3	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 4	7/17/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 5	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 6	7/17/2023	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 7	7/20/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 8	7/21/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 9	7/21/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 10	7/21/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 11	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW 12	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 13	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 14	7/25/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 15	7/27/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
WW 16	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 17	7/28/2023	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FT 1 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,400
FT 1 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FT 1 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FT 2 @ 4	8/17/2023	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
FT 3 @ 4	8/17/2023	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,000
FT 3 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FT 3 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FT 4 @ 4	8/17/2023	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,520
FT 5 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,200

Dash (-): Sample not analyzed for that constituent. **Bold**: NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance. Red Border with Shading: Highest observed concentration. A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

#### **Apollo Chile Verde Water Transfer Line** NMOCD Ref #- n A PP2315849467

NMOCD Ref. #: nAPP2315849467												
]	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NM	IOCD Reclan	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	600	
					SW 846	8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FT 5 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FT 5 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FT 6 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FT 6 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FT 6 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,600
FT 7 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FT 7 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
FT 8 @ 4	8/17/2023	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FT 9 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FT 10 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,400
FT 10 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FT 10 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FT 11 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,400
FT 11 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FT 11 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FT 12 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FT 13 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FT 14 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	38,800
FT 14 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FT 14 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FT 15 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	31,600
FT 15 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FT 15 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FT 16 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	44,000
FT 16 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FT 16 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FT 17 @ 4	8/17/2023	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	37,600
FT 17 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FT 17 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FT 18 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FT 19 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FT 20 @ 4	8/17/2023	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 1 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 2 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 3 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 4 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 5 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL 6 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL 7 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560

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

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

#### **Apollo Chile Verde Water Transfer Line** NMOCD Ref. #: nAPP2315849467

NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NI	MOCD Reclar	nation St	andard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 846	8021B		SW	846 8015M	Ext.	T	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 8 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL 9 @ 5'	4/2/2025	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 10 @ 5'	4/2/2025	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 11 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 12 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 13 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
FL 14 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 15 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 16 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,220
FL 17 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,950
FL 18 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 19 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,230
FL 20 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL 21 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 22 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 23 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,880
FL 24 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 25 @ 5'	4/2/2025	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 26 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 27 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 28 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 29 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 30 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870
FL 31 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 32 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 33 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 34 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 35 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL 36 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 37 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
FL 38 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
FL 39 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 40 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 41 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,440
FL 42 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 43 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
FL 44 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL 45 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
FL 46 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL 47 @ 4'	4/2/2025	4	С	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. Red Border with Shading: Highest observed concentration. A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

## Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Apollo Chile Verde Water Transfer Line**

NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NI	MOCD Reclar	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Туре	Soil Status	SW 846 Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 48 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 49 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 50 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL 51 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 52 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
FL 53 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 54 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 55 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 56 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 57 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 58 @ 4'	4/2/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
FL 59 @ 4'	4/2/2025	4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL 60 @ 4'	4/2/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 61 @ 4'	4/2/2025	4	C C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,350
FL 62 @ 4'	4/2/2025	4	C	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0 <30.0	6,160 160
FL 63 @ 4' FL 64 @ 4'	4/2/2025 4/2/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	192
FL 65 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 66 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 67 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 68 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 69 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 70 @ 4'	4/2/2025	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,600
FL 70 @ 5'	4/9/2025	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL 71 @ 4'	4/2/2025	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL 71 @ 5'	4/9/2025	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL 72 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL 73 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 74 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 75 @ 4'	4/2/2025	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,200
FL 75 @ 5'	4/9/2025	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL 76 @ 4'	4/2/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 77 @ 4'	4/2/2025	4	C	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL 78 @ 4'	4/2/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360
FL 79 @ 4'	4/2/2025	4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 80 @ 4'	4/2/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
FL 80 @ 5'	4/9/2025	5	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL 81 @ 4'	4/3/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 82 @ 4'	4/3/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 83 @ 4'	4/3/2025	4	L	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760

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

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

## Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Apollo Chile Verde Water Transfer Line**

NMOCD	Ref. #: nA	APP2315849467
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NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NI NI	MOCD Reclar	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 846	8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 84 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL 85 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 86 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 87 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 88 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 89 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 90 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 91 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 92 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 93 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,580
FL 94 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 95 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 96 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 97 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 98 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 99 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL 100 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 101 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 102 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 103 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 104 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 105 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 106 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 107 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 108 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 109 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 110 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 111 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 112 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 113 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 114 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 115 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 116 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 117 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 118 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 119 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 120 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 121 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 122 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 123 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

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

A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

#### **Apollo Chile Verde Water Transfer Line** NMOCD Ref # n A PP2315849467

NMOCD Ref. #: nAPP2315849467													
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NI	MOCD Reclar	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	100	600	
					SW 846	SW 846 8021B			SW 846 8015M Ext.				
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)	
FL 124 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
FL 125 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL 126 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
FL 127 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656	
FL 128 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440	
FL 129 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880	
FL 130 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592	
FL 131 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512	
FL 132 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224	
FL 133 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
FL 134 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304	
FL 135 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480	
FL 136 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176	
FL 137 @ 4'	4/3/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010	
FL 138 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220	
FL 139 @ 4'	4/3/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,660	
FL 140 @ 4'	4/3/2025	4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840	
FL 141 @ 4'	4/3/2025	4	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624	
FL 142 @ 4'	4/3/2025	4	C C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496	
FL 143 @ 4' FL 144 @ 4'	4/3/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920 48.0	
FL 144 @ 4 FL 145 @ 4'	4/4/2025	4	C	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840	
FL 145 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520	
FL 147 @ 4'	4/3/2025	4	С	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010	
FL 148 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
FL 149 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,810	
FL 150 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080	
FL 151 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160	
FL 152 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200	
FL 153 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140	
FL 154 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FL 155 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
FL 156 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,570	
FL 157 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330	
FL 158 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070	
FL 159 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490	
FL 160 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720	
FL 161 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0	
FL 162 @ 4'	4/3/2025	4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,300	
FL 162 @ 5'	4/9/2025	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768	

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

A - Assessment F - Backfill

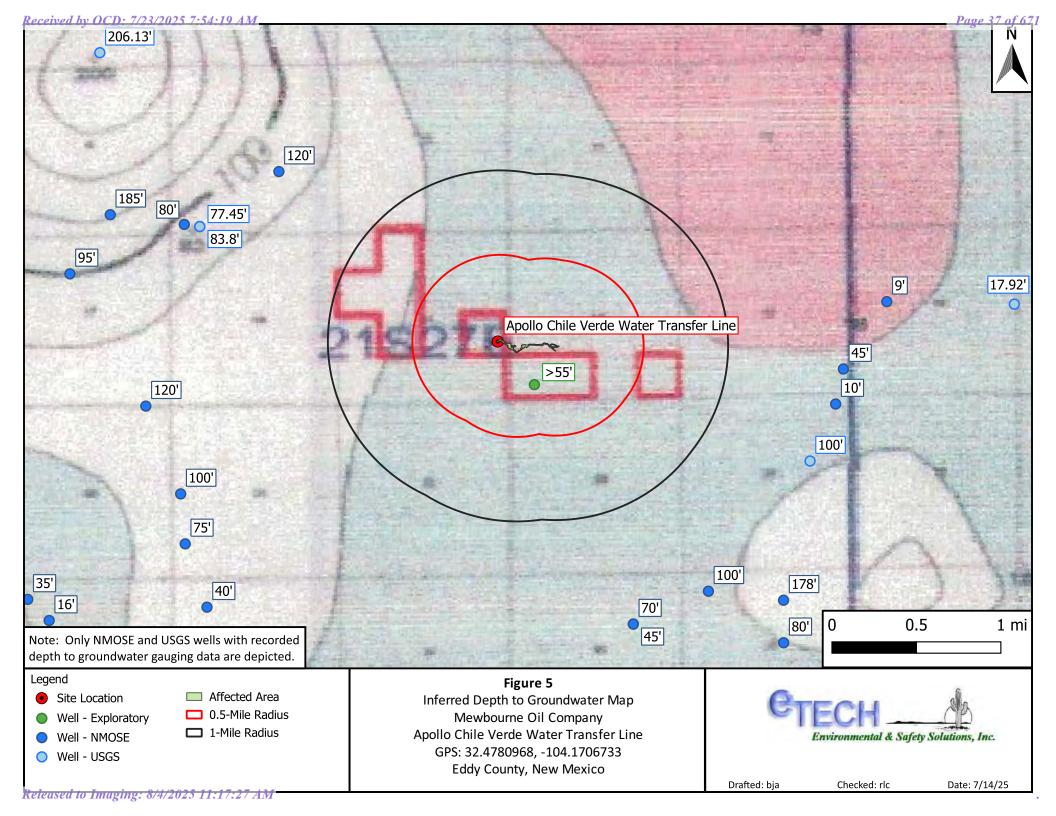
D - Delineation B - Backgr C - Confirmation O - Other B - Background

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
<b>Apollo Chile Verde Water Transfer Line</b>

NMOCD Ref. #: nAPP2315849467

	NMOCD Ref. #: nAPP2315849467												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NI	MOCD Reclan	nation Sta	andard		10	50	N/A	N/A	N/A	N/A	100	600	
					SW 846	8021B		4500 Cl					
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)	
FL 163 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176	
FL 164 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FL 165 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336	
FL 166 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600	
FL 167 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
FL 168 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
FL 169 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360	
FL 170 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL 171 @ 4'	4/3/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272	
FL 172 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112	
FL 173 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	144	
FL 173	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FL 174 @ 4'	4/3/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
FL 174	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FL 175	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FL 176	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FL 177	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
FL 178	4/21/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	10.9	10.9	<10.0	10.9	240	
Backfill	4/21/2025	N/A	F	Backfill	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	

# Appendix A Depth to Groundwater Information





#### Soil Boring/Temporary Monitor Well BH-1

**Company:** Mewbourne Oil Company **Site:** Apollo Chile Verde Water Transfer Line

NMOCD Reference #: nAPP2315849467

Location: Eddy Co., NM

PLSS: U/L "J", Sec. 15, T21S, R27E

Well/Borehole ID: BH-1

Coordinates (NAD 83): 32.474370,-104.166992

Drilling Date: 2/28/2024
Depth of Boring (ft): 55
Depth to Groundwater (ft): >55

Plugging Date: 3/4/2024

Casing: 2" PVC

Drilling Company: H&R Enterprises, LLC

Driller: Jim Hawley

Drilling Method: Air Rotary Logged By: Jim Hawley Drafted By: Ben J. Arguijo Draft Date: 4/3/2024

Screen: 0.020" Slotted

Completion: N/A
Comments: N/A

Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading	Well Construction
_ _ _ _							
0  		0000	Caliche - 100%	N	N	-	
- 5 - -				N	N	-	
_ _ 10 _		00000000000000000000000000000000000000		N	N	_	
_ 15 -			Sand 20% - Cobble 50%	N	N		
_ _ _ 20 _						-	
- - 25 -			Sand 30% - Clay 70%	N	N	-	Open Hole, No Annular Fill
_ _ _ 30				N	N	-	Hole, No.
- - - - 35				N	N	-	
- - - - 40				N	N	-	
_ _ _ _			Fine Sand 15% - Clay 85%	N	N	-	
45  -  -  -				N	N	-	
50 				N	N	-	
- <del>- 55</del>							
- - - - - - - - - -			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 indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment.				

**Disclaimer** This bore log is intended for environmental not geotechnical purposes.



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

(R=POD has been replaced, O=orphaned,

C=the file is

closed)

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

(quarters are smallest to

largest) (NAD83 UTM in meters) (In feet)

					900	٠,			(	, , , , , , , , , , , , , , , , , , , ,		٠,	( 1001)	
		POD												
		Sub-		Q (	Q Q	!								Water
POD Number	Code	basin	County	641	6 4	Sec	Tws	Rng	Χ	Υ	Dis	tanceDep	thWellDepthWate	rColumn
C 00370	С	CUB	ED	•	4 4	15	21S	27E	577874	3593350*		387		
C 00466	С	CUB	ED	3 ;	3 1	14	21S	27E	578173	3594066*		413	538	

Average Depth to Water:

Minimum Depth: --

Maximum Depth: --

Record Count:2

UTMNAD83 Radius Search (in meters):

Easting (X): 577926.29 Northing (Y): 3593733.97 Radius: 804.67

\*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.

WATER COLUMN/ AVERAGE DEPTH TO WATER



# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec To

**Q64 Q16 Q4 Sec Tws Rng**4 4 15 21S 27E

X Y

577874 3593350\*

9

**Driller License:** 

**Driller Name:** WHEELER CASS

C 00370

Drill Start Date:07/22/1940Drill Finish Date:02/03/1941Plug Date:Log File Date:07/01/1958PCW Rcv Date:Source:

**Driller Company:** 

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

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.

5/22/23 8:51 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



# **Transaction Summary**

**CLOSE** Closed File

Transaction Number: 465098 Transaction Desc: RENUM O-2-E-35 File Date: 09/14/1956

Primary Status: CLS Closed File Secondary Status: CLS Closed File

Person Assigned: \*\*\*\*\*\*

**Applicant:** R.S. MAGNUDER

_		
Юv	en	ıts

		Date	Type	Description	Comment	Processed By
(I)	g <u>et</u> images	09/14/1956	APP	Application Received	*	*****
		09/14/1956	FTN	Finalize non-published Trans.		*****
		08/09/2010	QAT	Quality Assurance Completed	SQ2	*****
		09/04/2015	QAT	Quality Assurance Completed	IMAGE	*****

#### Change To:

WR File Nbr Acres Diversion Consumptive Purpose of Use C 00370 0 0 CLS CLOSED FILE

\*\*Place of Use

QQQQ

256 64 16 4 Sec Tws Rng Acres Diversion Consumptive Use Priority Status Other Loc Desc

0 0 0 CLS CLS OIL WELL - NO
PLACE OF USE

#### Remarks

THIS TRN HAS BEEN ENTERED TO CLOSE THE FILE. C-370 WAS RENUM O-2-E-35 (OIL WELL). WELL LOG (POD INFO ENTERED IN DB) WAS THE ONLY DOC FOUND (FILE JACKET WAS EMPTY - NOTE ON OUTSIDE IS ONLY INDICATION C-370 WAS RENUMBERED - SEE IMAGE).

ABSTRACTOR NOTE: FILE DATE TAKEN FROM LETTER ASSOC'D W/OTHER C-FILES THAT WERE RENUM TO O-2-E#'S (CAN VIEW IMAGE OF LETTER IN C-341).

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.

5/22/23 8:55 AM TRANSACTION SUMMARY



# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tw

Q64 Q16 Q4 Sec Tws Rng

X Y

3 3 1 14 21S 27E

578173 3594066\*

9

Driller License: Driller Company:

**Driller Name:** ROBERT W. ATHA

C 00466

Drill Start Date:07/27/1953Drill Finish Date:08/02/1953Plug Date:Log File Date:07/08/1958PCW Rcv Date:Source:

Pump Type:Pipe Discharge Size:Estimated Yield:Casing Size:10.00Depth Well:538 feetDepth Water:

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.

5/22/23 8:51 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



# **Transaction Summary**

CLOSE Closed File

Transaction Number: 465169 Transaction Desc: RENUM O-2-E-45 File Date: 09/14/1956

Primary Status: CLS Closed File Secondary Status: CLS Closed File

Person Assigned: \*\*\*\*\*\*

**Applicant:** ROBERT W. ATHA **Applicant:** EVERETT D. BUGETT

_			
- 17			4~
n.	VE	'n	

	Date	Type	Description	Comment	Processed By
get images	09/14/1956	APP	Application Received	*	*****
	09/14/1956	FTN	Finalize non-published Trans.		*****
	08/09/2010	QAT	Quality Assurance Completed	SQ2	*****
	09/10/2015	QAT	Quality Assurance Completed	IMAGE	*****

#### Change To:

WR File NbrAcresDiversionConsumptivePurpose of UseC 00466000CLS CLOSED FILE

\*\*Place of Use

QQQQ

256 64 16 4 Sec Tws Rng Acres Diversion Consumptive Use Priority Status Other Loc Desc

0 0 0 CLS CLS OIL WELL - NO
PLACE OF USE

#### Remarks

THIS TRN HAS BEEN ENTERED TO CLOSE THE FILE. C-466 WAS RENUM O-2-E-45 (OIL WELL). WELL LOG (POD INFO ENTERED IN DB) WAS THE ONLY DOC FOUND (FILE JACKET WAS EMPTY - NOTE ON OUTSIDE IS ONLY INDICATION C-466 WAS RENUMBERED - SEE IMAGE).

ABSTRACTOR NOTE: FILE DATE TAKEN FROM LETTER ASSOC'D W/OTHER C-FILES THAT WERE RENUM TO O-2-E#S (CAN VIEW IMAGE OF LETTER IN C-341).

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.

5/22/23 8:54 AM

TRANSACTION SUMMARY



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able of data

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322917104120101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 322917104120101 21S.27E.09.33433

Eddy County, New Mexico
Latitude 32°29'17", Longitude 104°12'01" NAD27
Land-surface elevation 3,228 feet above NAVD88
This well is completed in the Other aquifers (N99990THER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats** 

<u>Fab-separated data</u>											
Graph of data											
Reselect peri	<u>iod</u>										
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
1950-01-2	25	D	72019	81.44			1	Z			А
1955-10-2	27	D	72019	83.80			P	Z	-		А

#### 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	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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Title: Groundwater for USA: Water Levels

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

Page Last Modified: 2023-07-06 15:37:03 EDT

0.31 0.24 nadww02



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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 322917104120102

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 322917104120102 21S.27E.09.33433 A

Eddy County, New Mexico

Latitude 32°29'17", Longitude 104°12'01" NAD27

Land-surface elevation 3,228 feet above NAVD88

The depth of the well is 92 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aguifer.

#### **Output formats**

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
1978-01-27		D	72019	75.69			Р	Z			А
1983-01-06		D	72019	71.91			1	Z			А
1987-10-16		D	72019	76.46			1	Z			А
1988-03-18		D	72019	76.91			1	Z			А

Date \$	Time \$	? Water- level date-time accuracy	? Parameter   code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$\phi\$ datum	? Status	? Method of measurement	? Measuring \$ agency	? Source of measurement	? Water- level approval status
1993-01-13		D	72019	82.42			1	S			
1998-02-05		D	72019	77.45			1	S			

#### 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	Α	Approved for publication Processing and review completed.

<u>Questions or Comments</u> <u>Automated retrievals</u> <u>Help</u> Data Tips Explanation of terms
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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: 2023-07-06 15:38:05 EDT

0.28 0.24 nadww02

USA.gov



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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322755104081401

Minimum number of levels = 1

Table of data

Tab-separated data

Save file of selected sites to local disk for future upload

#### USGS 322755104081401 21S.27E.24.23243

Eddy County, New Mexico
Latitude 32°28'03", Longitude 104°08'19" NAD27
Land-surface elevation 3,130 feet above NGVD29
This well is completed in the Other aquifers (N99990THER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats** 

<u>Graph of data</u>											
Reselect perio	o <u>d</u>										
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
1975-04-09	e e e e e e e e e e e e e e e e e e e	D	72019	56.00			1	0	USGS	S	Α
1975-06-05	5	D	72019	100.00			1	0	USGS	S	А

#### 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	0	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

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

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

Page Last Modified: 2023-07-06 15:33:41 EDT

0.3 0.24 nadww02



# Appendix B Field Data & Soil Profile Logs



Project: Apollo Chile Verde Water Transfer Line

Project Number: 18228 Latitude: 32.4780968 Longitude: -104.1706733

Sample ID	PID/Odor	Chloride Conc.	GPS
SP1 @ Surface		25,240	
SP1 @ 1'		2,708	
SP1 @ 2'		5,264	
SP1 @ 3'		4,144	
SP1 @ 4'		3,980	
SP1 @ 5'		6,656	
SP1 @ 6'		2,708	
SP1 @ 7'		2,708	
SP1 @ 8'		1,948	
SP1 @ 9'		2,588	
SP1 @ 10'		500	
SP1 @ 11'		450	
SP2 @ Surface		24,320	
SP2 @ 1'		7,784	
SP2 @ 2'		6,156	
SP2 @ 3'		6,156	
SP2 @ 4'		6,156	
SP2 @ 5'		7,784	
SP2 @ 6'		5,696	
SP2 @ 7'		4,868	
SP2 @ 8'		1,656	
SP2 @ 9'		552	
SP3 @ Surface		25,240	
SP3 @ 1'		11,740	
SP3 @ 2'		4,868	
SP3 @ 3'		5,696	
SP3 @ 4'		4,144	
SP3 @ 5'		8,428	
SP3 @ 6'		5,696	
SP3 @ 7'		5,696	
SP3 @ 8'		364	
SP4 @ Surface		21,200	
SP4 @ 1'		6,156	
SP4 @ 2'		2,480	
SP4 @ 3'		580	
SP4 @ 4'		416	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:	6/7/2023
-------	----------

Project: Apollo Chile Verde Water Transfer Line

Project Number: 18228 Latitude: 32.4780968 Longitude: -104.1706733

Sample ID	PID/Odor	Chloride Conc.	GPS
SP5 @ Surface		7,784	
SP5 @ 1'		5,264	
SP5 @ 2'		452	
NH1 @ Surface		<128	
NH1' @ 1'		<128	
NH2 @ Surface		<128	
NH2 @ 1'		<128	
NH3 @ Surface		<128	
NH3 @ 1'		<128	
NH4 @ Surface		<128	
NH4 @ 1'		<128	
NH5 @ Surface		<128	
NH5 @ 1'		<128	
EH1 @ Surface		<128	
EH1 @ 1'		<128	
SH1 @ Surface		<128	
SH1 @ 1'		<128	
SH2 @ Surface		<128	
SH2 @ 1'		<128	
SH3 @ Surface		<128	
SH3 @ 1'		<128	
SH4 @ Surface		<128	
SH4 @ 1'		<128	
SH5 @ Surface		<128	
SH5 @ 1'		<128	
WH1 @ Surface		<128	
WH1 @ 1'		<128	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Date:

6.7.23

Project: Chili Verde 23/24 Fed Com 716H

Project Number: 18228 Latitude: 32.477651 Longitude: -104.167798

Sample ID	PID/Odor	Chloride Conc.	GPS
SPICSUN HS 9.0		25,240	
SPIE1 HS 4.0		2 708	
SPIEZ +15 5.6		5,264	
SPIC3 HS 5.0		4,144	
SPICY HS 4.8		3980	
srie5 45 6.2	-	6656	
51166 HS 4.0		2708	
SPIRTHS 4.0		7-708	
5/108 7.2	_	1948	
58109 8.0		2588	
Sp1010 3.6		500	
Spiell - 34		452	
5P2PSVY HS 9.0		75,748	
SP201 HS 6.6		7.784	
512e2 HS 6.0	_	6,156	
582 @3 HS 6.0		6.156	
502 EU HS 6.0		6,156	
58285 HS 66		1 84	=
517.06 HS 5.8	-	5,696	
S1287 HS 5.4		4,868	
SP208 HS 3.0	*	1,656	*
58264 3.8		5-5-2	
583 CSUV HS 90		25,240	
583 @ 1 HS 7.6		11.740	
583 e 2 HS 54		4,868	
583 63 HS 58		5696	
583 84 45 5.0		4144	
583 C 5 HS 6.8		8.428	
583 Q 6 HS 54		5.696	
513 P7 HS 5.4	_	5,696	
5 P 3 @ 8 3.0	-	364	
574@ SUV HS 8.6		19797	
584@1 HS 6.0		6,154	
SP402 HS 4.4		3,228	
58463 32		396	
58464 2.4	_	252	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:			

Deningt.	Chili Manda	22/2/	rad	Cam	71611
Project:	Chili Verde	23/24	rea	Com	/ TOH

Project Number: 18228 Latitude: 32.477651 Longitude: -104.167798

San	nple ID	PID/Odor	Chloride Conc.	GPS
SPS@ SUV		_	7784	
5P5 0 1	HS 5.6		5,264	
15 @ 2	7.6		284	
15 @ 3	3.4	-	452	
SE504	3.0		364	
S1505	.2.2		716	
NHI esur	3.0	-	364	
NHIBI	2.4		248	
SHIE SUV	3.2	-	408	
SH 1 8 1	26	-	284	
EH1@ Sur	3.0	W.	364	
FHIGIT	2.8	-	324	
NH Zesur	7.8		324	
NH201	26		284	
5H 2051	3.2		408	
54201	2.8		324	
NH 305Ur	2.8	-	324	
NH301	2.2		216	=
5H3850r	3.4	THE REAL PROPERTY.	452	
SH301	3.0		764	
NH4psur	3. 2		364	
NHUDI	2.6	Special Street	284	
SHYPSUr	2.6	C-Unit(O):	2.84	
SHYEI	2.2	No desired to the same of the	716	
NH5@1	3.4	Reserved to the same of the sa	452	
VH501	3.2		408	
SH5 @ i	3.0		364	
SH5 @ 1	2.8	_	324	
wHIEI	2.2	_	7.16	
NHIDI	2.0	-	184	
			1	
		1		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1







Date:		
Date.		

Project:	Apollo Chile	Verde	Water	Transfer	Line
----------	--------------	-------	-------	----------	------

Project Number: 18228 Latitude: 32.4780968 Longitude: -104.1706733

Sample ID		PID/Odor	Chloride Conc.	GPS
NWI	3.7	WONE	412	
SWI	3.6		500	
EWI	3.4	-	452	
NWZ	3.2		412	
SWZ	3.2		4112	
NW3	3.4		452	
SW3	3.2	-	4/2	
NWY	3.6		500	
swel	3.0		372	
5 W 5	3.2		412	
NNS_	3 2		412	
SW6.	3.0		372	
NW 6	3.6		560	
5W7	7.8		324	
NW7	3.0		500	
SWB	3.8	POINT NO.	225	
EW2	3.6		500	
-NW8	3.0	_	372 =	*
SW9	7.8	-	324	
NUA	3.8		552	
SWLO	7.8		324	
SW 11	7.6		284	
NW 10	7.8		329	
NW II	3.8		552	
NW 12	3.8	-	557	
5 W 17	3.2		412	
EW3	7.8		314	
Sw13	6.0	-		
NW 13	6.2	1		
NW13	3.6		500	
NW13	3.8		552	
SWILL	2.0		197	
NW14	3.0	_	377	
SW15	3,6	_	50n 552	
NW15	3.8	_	552	
NW16	5.8		324	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1





Chile Verde 23/24 fed Com 716 H 19 228 Latitude:

Date:

Project:

Project Number:

Longitude:

Sample	D	PID/Odor	Chloride Conc.	GPS
SW16	3.8		552	
NW17	3.0	-	362	
5417	7.8	_	324	
NW18	3.4		452	
SW18	3.2	_	108	
NV19	3.4	_	452	
5W19	3.0		362	
NWZO	3.4		452	
< 420	3.0		362	
NWZI	3.2	-	408	
5W21	3.0	September of the Park of the P	362	
Awrz	< .5	Management on Allin	2/6	
S422	2.4	verificant participated (CO)	748	
NWZ3	3.2	Contract of the	408	
5w27	34	STREET, STREET,	452	
NW24	3.0	distribution of the control of the c	362	
5 W24	2.6	Contraction of the Contraction o	284	
SW25	7.0	Accomplish by Parish	362	*
N25	3.0	THE PARTY OF THE P	362	
WWI	3.2	4	408	
N426	m 5 0	-	860	
Nh 16	4.6	Several Total	736	
W27	8.0	THE PERSON NAMED IN	2,512	
VW27	46		736	
VW77	5.0	-	860	
VW27	3.2	_	408	
:44	2.2		7.16	
WWZ	3.7	_	408	
iwith	5.0		860	
h/26	3.8		552	
85 W	5.2	_		
W 28	3.8	_	552	
W 27	3.7	-		
VW 26	3.8			

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

NWZG

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

NW27. 8.0

776

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





6/14/75

Date:

7-14.27

Project:

Project Number:

18228 Latitude:

Chile Verde 33/24 fed Com 716H

(2.1.047)

Longitude:

Sample II	D	PID/Odor	Chloride Conc.	GPS
2M.S.B	3.6	-	356	
NW29	7.11		252	
5W29	2.2	_	220	
NW30	3,0		356	
5W30	2.4		252	
NW31	2.4		252	
5231	2.8		320	
NV37	2.6	_	284	
EWS	3.4		436	
WW3	314		480	
ENG	7.2	_	655	
WWH-	2.6		284	
EW7	2.4	-	252	
WWS	2.2	parameter	220	
5W32	2.4	table and the same of the same	25>	
Sw 33	3.4	_	436	
5 w 34	3.2		396	
EWB	7.4	and the same of th	252 =	
WW6	2.4	general/decre-	252	
NW33	2.8	Manager	320	
NW 34	* 76	SERVICE	340	
EW9	7.2	-	220	
5W35	3.6		340	
NW35	3.4	457	936	
EVIO	7.6	-	289	
EWIL	2.8		320	
NW36	2.6		284	
5w36	7.4	-	252	
WW7	20	_	192	
NW37	7.0		192	
SU37	5.0	_	192	
WW38	1.8		164	
S W38	2-2	-	220	
NW39	3.0		3 <b>5</b> 6	
NNYO	2.2	-	220	
5W39	1.8	***	164	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Corr



Date:		

Project:

Project Number:

Latitude:

Longitude:

AND DESCRIPTION OF THE PERSON	

	SW38 Sample ID		PID/Odor	Chloride Conc.	GPS
	WV8	3.2		396	
	Mull	1.8		149	
	WW9	1 - 6		134	
	NNIS	2.2	200	220	
	4W10	7.6		2,160	
	W/W 10	2.4	-	262	
	WWII	2.2	4	220	
	SW40	1.8	Service de la constitución de la	164	
-	WWIZ	1.4	-	117	
٠	WWIS	1.4		112	
	WWI4	36	*Name *	480	-
	NW43	20	Same -	192	
1	5241	7.2	Company	220	
3	NWHH	2.0	-	192	
1	SW 42	5.0		197	
	NWUS	2.6	-	284	
	NV46	22		220	
0	5443	5.0	-	192	
	NUYT	1.6		134	
١	SWULL	2.8	,	326	
ı		2.0		192	
ı	NV 48	2.2		770	
ı	5w46	2.2		720	
1	NV49	2.6	Manager.	784	
ı	5W47	3.2	-	196	
I	NWSI	2.6	-	284	
ļ	5448	2.0		142	
1	EW12	3.0	- *	356	
1	NW50	3.2		196	
ŀ	WW15	28	_	7.84	
-	NW52	3.0		356	
-	5 W49	2.0		197	
-	EW /3	3.0		356	
-	WW /7	20		192	
-	FLE of line	2.4		252	
L	FL W of line	5.0		192	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

Resamples = SP #1 @ 5b or SW

Stockpile = Stockpile #

**GPS Sample Points, Center of** 



og		
Date:		

	chile verde	
Project:	Pertwood Wallestine	10

18228

Project Number: Latitude: Section Longitude: 104.032535

Sample	ID	PID/Odor	Chloride Conc.		GPS
EWIY	3.0		356		
WWIT	2.8		310		
5W50	2.8		310		
TTIEL	HS 64		7,106		
TT1 8 6	HS 6.0		6 156		
TITI @ 8	6.6		1992		7/2
TT1 @ 10	2.4		252		
- 10	- 1		250		
TT2 0 4	HS 6.8		8,428		-
TTZEB	HS 6-2	-	b.6-56	-	
TT2 @ 8	6.4		1416		-
TT2 @ 10	7.0		197		
	(.0				
TT3 @ 4	HS 7.4		10777		
TT3 @ 4	7.6		21/10		
77368	7.8		1328 ==	*	(4)
TT3 @ 10	7.4		2008		
TT3012	3.0		356		
- 0	*				
T404	1.4		112		
	7				
				4	
-	<				
					-
			1		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



					Date:		
Project:	Apollo Chile	Verde Water Tran	nsfer Line		_		
Project Nur	nber:	18228	Latitude:	32 4780968	Longitudos	104 1706722	

	PID/Odor	Chloride Conc.	GPS
FT106 4.0		6510	
FORMAND FT WE' 5.0		976	
FT365 5.0H		4428	
FT5 C5' 1.0	1 1	<1110	
FT506 3.0		417	
F13@6' 5.0H		4.428	
FT605' 80		72,564	
FT666 4.0 (H)		2892	
FT765 2.2		260	
FT766' 4.0		7/2	
FT10@5 4.0 (H)		6,556	
FT100(01 4.4(H)		3,462	
171165 3.0		412	
FT110 6 6.0		1,4110	
FT140 5' 41.0		1 110	10
FT1966 <1,0		4116	
FT1505' 14		116	
FT15@6 1.4	7	116	
TILE @5' <1.0		< 116	·
FT1686 < 1.0		16</td <td></td>	
FTMCS' 10		(116	
FT1766 14		116	
-LI 64 /1/	_	116	
FLizer 14		116	
FL3 C41 48		896	
11.4 64 5.0	-	968	
FLS (all) 52		1044	
1.6 QU 5.0(H)		4428	
1-7 (34 44(41)	_	3354	
L.8 64' 5.0(H)	_	4428	
(0 L/H)	-	6377	
(L 10 Q4' 7.0 (H)	_	9600	
23		< 114	
FLIL BY CLO		114	
H13 (24' 30		417	
FL-14 Q41 T4		116	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1





Date:	
Date.	

Project:	Apollo Chile	Verde Water	Transfer Line

Project Number: 18228 Latitude: 32.4780968 Longitude: -104.1706733

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-15 04' 10		4116	
FL-14 CY 6.0		1404	
FL-17 C4' 6,0		1508	
FL-18 CU' 10		< 1/6	
FL-19@4' 4.8		89 Le	
FL-20@4' 4.6		<i>6</i> 32	
FL-21@4' 1.4		116	
FL - 23 @4' 39		600	
FL-23@4' 40(H)		2834	
FL-3464 4.4(H)		3366	
FL-25 @4" 68(H)		8.824	
FL -2664 1.0		<116	
FL-3784 14		116	
FL -38 C4 21.0		(III)	
FL-39@4 1.8		196	
FL -80 & 4 5.8		1304	
FC -81 B 4 (10		<1/6	
FL -32 & 4' <10		416	
FL -33 Q 4 1.0		1/6	
FL -34 @ 4' 1.8		196	
FL -35 6 4 4.9		652	
FL-36 C4 2/0		116-	
FL -3464 44		768	
FL -39 @ 4' 4.Z		807	
FL -39 C 4' (1.0		116	
F1-4004 /2		116	
FL-41 @ 4' 5.6(H)		5436	
FL - 42 & 4' 4.0		657	
FL- 43 CY' 3.0		412	
FL- 44 Q4' 5.0 FL- 45 Q4' 5.0		968	
FL- 45 Q4' 5.0		9 (& 9 ( & 4 )16 4 /16	
FL 46 C4 11.0		116	
FL - 47 @4' 1.4		116	
FL - 48 @4' (1.0		/6</td <td></td>	
FL - 49 (24' < 1.0 000000	1	16<br 16<br 652	
FL-50 @4' 4.0		667	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1







					Date:		
Project:	Apollo Chile	Verde Water Tran	sfer Line				
Project Nu	mber:	18228	Latitude:	32.4780968	Longitude:	-104.1706733	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-5104' 4,	1.0	4/16	
2-6204' 5.0	(H)	4,428	
	.0	244	
2 - 54R4"			
1-8509			
EL-SGRU'			4
EL-SY QU'			1
1. 58 64			
69 BY.			
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1 75 AP 41			
A TONCY			
79 Cy			
10 78 (CY).			la -
179 24'	/		
6 86 64°			
1-1005		7,069	
1-11051	-	5,43.6	
2- 75 0 5'		5,43.6	
1-11 0 5' 1-90 0 5' 1-90 0 5' 1-90 0 5'		4384	
2-16205'	-	806	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



## **Soil Profile**

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Date:	
Project:	Apollo Chile V	erde Water Trar	sfer Line			
Project Nu		18228	Latitude:	32.4780968	Longitude:	-104.1706733
,						
Depth (ft. bg	as)		1	Des	cription	
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Received by OCD: 7/23/2025 7:54:19 AM

# Appendix C Photographic Log

**Photo Number:** 

1

**Photo Direction:** 

Overhead/Bird's Eye

Coordinates:

32.477686,-104.165391

Date/Time:

5/20/23, Time Unknown

**Photo Description:** 

Aerial view of the eastern portion of the affected area (outlined in cyan).



**Photo Number:** 

2

**Photo Direction:** 

Overhead/Bird's Eye

**Coordinates:** 

32.477570,-104.167615

Date/Time:

5/20/23, Time Unknown

**Photo Description:** 

Aerial view of the central portion of the affected area (outlined in cyan).



**Photo Number:** 

3

**Photo Direction:** 

Overhead/Bird's Eye

Coordinates:

32.477948,-104.169893

Date/Time:

GPS: 5/20/23, ≈14:00.

**Photo Description:** 

Aerial view of the western portion of the affected area (outlined in cyan).



**Photo Number:** 

4

**Photo Direction:** 

Northeast

**Photo Description:** 



Photo Number:

5

Photo Direction: Northeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

6

**Photo Direction:** 

North

**Photo Description:** 



Photo Number:
7
Photo Direction:

East
Photo Description:

i noto bescription.

View of the excavated area.



Photo Number:

8

**Photo Direction:** 

West

**Photo Description:** 



Photo Number:

9

Photo Direction: Northeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

10

**Photo Direction:** 

Southeast

**Photo Description:** 



**Photo Number:** 

11

Photo Direction: Southeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

12

Photo Direction:

Northwest

**Photo Description:** 



**Photo Number:** 

13

**Photo Direction:** 

West-Northwest

**Photo Description:** 



View of the excavated area.

**Photo Number:** 

14

**Photo Direction:** 

West-Northwest

**Photo Description:** 



Photo Number:

15

Photo Direction:

East

**Photo Description:** 

View of the excavated area.



Photo Number:

16

**Photo Direction:** 

East

**Photo Description:** 



Photo Number:

17

**Photo Direction:** 

Northeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

18

Photo Direction:

South

**Photo Description:** 



Photo Number:

19

Photo Direction: Northwest

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

20

**Photo Direction:** 

Northeast

**Photo Description:** 



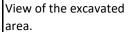
**Photo Number:** 

21

**Photo Direction:** 

East

**Photo Description:** 





**Photo Number:** 

22

**Photo Direction:** 

West-Northwest

**Photo Description:** 



**Photo Number:** 

23

Photo Direction:

East

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

24

Photo Direction:

East

**Photo Description:** 



**Photo Number:** 

25

**Photo Direction:** 

East

**Photo Description:** 

View of the remediated area following backfill and regrading.



**Photo Number:** 

26

**Photo Direction:** 

Northeast

**Photo Description:** 



**Photo Number:** 

27

**Photo Direction:** 

East

**Photo Description:** 

View of the remediated area following backfill and regrading.



**Photo Number:** 

28

**Photo Direction:** 

West

**Photo Description:** 



**Photo Number:** 

29

**Photo Direction:** 

North

**Photo Description:** 

View of the remediated area following backfill and regrading.



**Photo Number:** 

30

**Photo Direction:** 

Northwest

**Photo Description:** 



**Photo Number:** 

31

**Photo Direction:** 

Northeast

**Photo Description:** 

View of the remediated area following backfill and regrading.



**Photo Number:** 

32

**Photo Direction:** 

East

**Photo Description:** 



**Photo Number:** 

33

**Photo Direction:** 

East

**Photo Description:** 

View of the remediated area during seeding event.

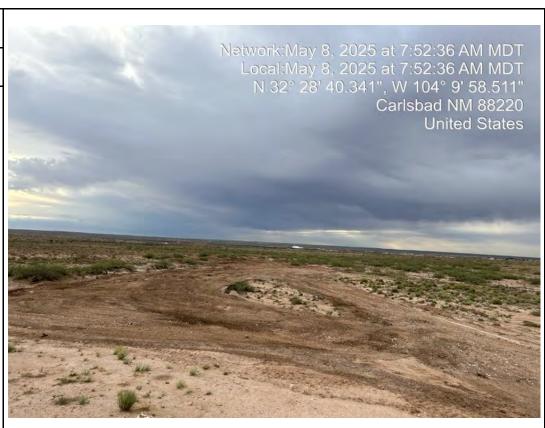


Photo Number:

34

**Photo Direction:** 

Northwest

**Photo Description:** 

View of the remediated area following seeding event.



**Photo Number:** 

35

**Photo Direction:** 

Northwest

**Photo Description:** 



View of the remediated area following seeding event.

**Photo Number:** 

36

**Photo Direction:** 

Southwest

Coordinates:

32.477851,-104.167884

**Photo Description:** 

View of the remediated area following seeding event.



**Photo Number:** 37

**Photo Direction:** Northwest

**Photo Description:** 

View of the remediated area following seeding event.



**Photo Number:** 

38

**Photo Direction:** 

N/A

**Photo Description:** 

**Bamert Seed Company Inc.** 

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

Chile Verde BLM #3 for Shallow Sites - Broadcast Rate

Lot/Sales # SO-85926

Kind & Variety Pure Seed Germ Dormant Hard Seed Origin Bristlegrass Plains, (Setaria vulpiseta) 11.75% 39.00% 55,00% 0.00% TΧ Grama, Sidepats "Vaughn" (Boutefoua 8.00% 55.74% 99.00% 0.00% ΤX Green Sprangletop, "Van Horn" (Leptochloa 0.00% 22.30% 82.00% 17.00% dubia) Purity: 89.79% Inert Matter: 10.21% Other Crop Seed: 0.00% Weed Seed: 0.90% Noxious Weed Seed Per/Lb; None Net Wt: 36,35 lbs Test Date: 04/2025

Seed tag.

# Appendix D Laboratory Analytical Reports



June 14, 2023

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 06/08/23 15:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 06/08/2023 Sampling Date: 06/07/2023 Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 1 @ SURF (H232949-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.13	107	2.00	5.48	
Toluene*	<0.050	0.050	06/13/2023	ND	2.18	109	2.00	5.28	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.25	113	2.00	5.68	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.65	111	6.00	5.70	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	51200	16.0	06/09/2023	ND	448	112	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	10.1	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

## Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH/

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SP 1 @ 10 (H232949-02)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.13	107	2.00	5.48	
Toluene*	<0.050	0.050	06/13/2023	ND	2.18	109	2.00	5.28	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.25	113	2.00	5.68	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.65	111	6.00	5.70	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	06/09/2023	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

## Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



Shalyn Rodriguez

#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Sample Received By: Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 2 @ SURF (H232949-03)

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	06/13/2023	ND	2.13	107	2.00	5.48	
Toluene*	<0.050	0.050	06/13/2023	ND	2.18	109	2.00	5.28	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.25	113	2.00	5.68	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.65	111	6.00	5.70	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	06/09/2023	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	210	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	31.1	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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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: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SP 2 @ 8 (H232949-04)

BTEX 8021B

DILX GOZID	ilig/	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.13	107	2.00	5.48	
Toluene*	<0.050	0.050	06/13/2023	ND	2.18	109	2.00	5.28	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.25	113	2.00	5.68	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.65	111	6.00	5.70	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	06/09/2023	ND	400	100	400	3.92	QM-07
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Applyzod By: 1H /

Received: 06/08/2023 Reported: 06/14/2023 Sampling Date: 06/07/2023 Sampling Type: Soil

Project Name:

RTFY 8021R

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 3 @ SURF (H232949-05)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2023	ND	2.13	107	2.00	5.48	
Toluene*	<0.050	0.050	06/13/2023	ND	2.18	109	2.00	5.28	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.25	113	2.00	5.68	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.65	111	6.00	5.70	
Total BTEX	<0.300	0.300	06/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27200	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	14.5	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	111 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 06/08/2023 Reported: 06/14/2023 Sampling Date: 06/07/2023 Sampling Type: Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 3 @ 8 (H232949-06)

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	06/09/2023	ND	2.38	119	2.00	13.4	
Toluene*	<0.050	0.050	06/09/2023	ND	2.37	119	2.00	13.3	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.34	117	2.00	14.4	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	7.12	119	6.00	13.7	
Total BTEX	<0.300	0.300	06/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 4 @ SURF (H232949-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22000	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	115 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 4 @ 4 (H232949-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	116 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 %	6 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH/

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SP 5 @ SURF (H232949-09)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Sampling Date: 06/07/2023

Reported: 06/14/2023

Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Project Number: 18228

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

06/08/2023

#### Sample ID: SP 5 @ 3 (H232949-10)

Received:

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 1 @ SURF (H232949-11)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	< 0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celeg D. Keene



06/07/2023

Soil

#### Analytical Results For:

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

Received: 06/08/2023 Sampling Date: Reported: Sampling Type: 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 1 @ 1 (H232949-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	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	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	104 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 %	6 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 2 @ SURF (H232949-13)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NH 2 @ 1 (H232949-14)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						
0									

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 3 @ SURF (H232949-15)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NH 3 @ 1 (H232949-16)

RTFY 8021R

B1EX 8021B	mg/kg		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 4 @ SURF (H232949-17)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: Sampling Type: Soil 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 4 @ 1 (H232949-18)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	204	102	200	4.26	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	190	94.9	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 5 @ SURF (H232949-19)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NH 5 @ 1 (H232949-20)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	18						

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Celeg D. Keene



#### Analytical Results For:

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

Analyzed By: JH/

Received: 06/08/2023 Reported: 06/14/2023 Sampling Date: 06/07/2023
Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SH 1 @ SURF (H232949-21)

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
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	06/09/2023	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	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: Sampling Type: Soil 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SH 1 @ 1 (H232949-22)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	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	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SH 2 @ SURF (H232949-23)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Celeg D. Keene



### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: Sampling Type: Soil 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 2 @ 1 (H232949-24)

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	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	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	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	119 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	6 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 3 @ SURF (H232949-25)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 3 @ 1 (H232949-26)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.428	
Toluene*	<0.050	0.050	06/10/2023	ND	2.07	103	2.00	0.558	
Ethylbenzene*	< 0.050	0.050	06/10/2023	ND	2.13	106	2.00	0.0952	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.32	105	6.00	0.260	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 06/08/2023 Reported: 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 06/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: SH 4 @ SURF (H232949-27)

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	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	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	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: Sampling Type: Soil 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 4 @ 1 (H232949-28)

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	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Applyzod By: 1H /

Received: 06/08/2023 Reported: 06/14/2023 Sampling Date: 06/07/2023 Sampling Type: Soil

Sample Received By:

Project Name:

RTFY 8021R

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 5 @ SURF (H232949-29)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

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Celeg D. Keene



### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: Sampling Type: Soil 06/14/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SH 5 @ 1 (H232949-30)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keine



Shalyn Rodriguez

Sample Received By:

### Analytical Results For:

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

 Received:
 06/08/2023
 Sampling Date:
 06/07/2023

 Reported:
 06/14/2023
 Sampling Type:
 Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: WH 1 @ SURF (H232949-31)

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	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 06/08/2023 Sampling Date: 06/07/2023

Reported: 06/14/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: WH 1 @ 1 (H232949-32)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-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	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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### Analytical Results For:

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

Received: 06/08/2023 Reported: 06/14/2023 Sampling Date: 06/07/2023 Sampling Type: Soil

Project Name:

Sampling Condition: Cool & Intact Shalyn Rodriguez Sample Received By:

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

CHILI VERDE 23/24 FED COM 716 H

### Sample ID: EH 1 @ SURF (H232949-33)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	<0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Sample Received By:

06/07/2023

Shalyn Rodriguez

### Analytical Results For:

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

Received: 06/08/2023 Sampling Date:

Reported: 06/14/2023 Sampling Type:

Reported: 06/14/2023 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: EH 1 @ 1 (H232949-34)

TEX 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	06/10/2023	ND	2.08	104	2.00	0.514	
Toluene*	< 0.050	0.050	06/10/2023	ND	2.08	104	2.00	0.174	
Ethylbenzene*	<0.050	0.050	06/10/2023	ND	2.18	109	2.00	0.926	
Total Xylenes*	<0.150	0.150	06/10/2023	ND	6.46	108	6.00	0.754	
Total BTEX	<0.300	0.300	06/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	207	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	185	92.5	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	18						

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### **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.
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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Celeg D. Keene

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-24	76				; 1						
Company Name: Etech Environmental & Safety Soluti	ons, Inc.				BI	LL TO		-			ANALYSIS REQUEST
Project Manager: Lane CrenShaw			P.	0. #:							
Address: P.O. Box 301			C	отраг	y: /	Tew boo	irn				
City: Lovington State: NM	<b>Zip:</b> 8826	0	At	tn: Z	seft	E Broo	11		*		
Phone #: (575) 396-2378 Fax #: (575) 39	6-1429		A	idress	: 46	30/ Bus,	Blud				
Project #: /8 22 6 Project Owner	MOW	bourn	Ci	ty: /-	66	301 Bus,					
Project Name: Chili 1/PCA & 23/14 Fe	+ Cour	716 H	St	ate: /	vm	Zip:68	40	7 11 3	SM)	18	
Project Location: (Ura) Carls bud	NM		-	ione i		00		Chloride	801	(80)	
Project Name: Chili Verde 23/24 fee Project Location: Tyral Carls and Sampler Name: Dominic Casa	rez		Fa	ex #:				C.F.	<b>TPH (8015M)</b>	BTEX (8021B)	
FOR LAB USE ONLY	TL	MATRIX	_	PRES	ERV.	SAMPLI	NG		F	B	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL	SLUDGE OTHER;	ACID/BASE:	OTHER:	St.	18 23 TIME		/		
DC 1 SP/ @ SUr	91	V		1		4-7-23		V	1	1	
2 5810 10	G /							1		1	
3 5P2 @ Sur	G-1		_								
4 SP2@ 8	411		1 1					9		111	
5 SP3@ SUr	GI		-	-	-		-	+	$\vdash$		
6 SP3@8	GI		+	1	-				-	H	
7 5840 SUY	G 1		-	1	+			-	-	-	
8 58404	GI	+-+-+	+		+			+	+	1	
9 5 P 5 @ 5 v V	61		+		+			1	4	V	
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FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Released to Imaging: 8/4/2025 11:17:27 AM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	74	V
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Law Crenshay	P.O. #: Meubourn	
Address: P.O. Box 301	Company:	
City: Lovington State: NM Zip: 88260	Atm: Jeff Broom	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address: 4801 bus & BNE	
Project #: 18228 Project Owner: Mex/bourn	City: Hobbs	
Project Name: Chili Verde 23/24 fed Com 716 H	State: N/M Zip: 98246	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Project Location: Rural Carishad	Phone #:	00 (80)
Sampler Name: Dom. Not Cusave2	Fax #:	Chloride TPH (6015M)
FOR LABUSE ONLY MATRI	PRESERV. SAMPLING	
Tap I'D.  CG)RAB OR (C)OMP.  A CONTAINERS GROUNDWATER WASTEWATER OF 11 NH 1 G20.		
	V 6123	V V /
12 NHIEL GI		
13 NH7 @ Sur G 1		
14 NH2 & 1 G 1		
15 NH3 @ 5VY		
16 NH3@1		
17 NH4@ SUY GI		
18 NHU @ 1		
19 NH50 Sux		
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in o	ract or tort, shall be limited to the amount paid by the client f	for the
analyses. All claims including those for negligence and any other cause whelmover shall be deemed waived unless made in will service. In no event shall Cardinal be liable for incidental or consequental damages, including wildhout limitation, business interru	ms, loss of use, or loss of pholis incurred by cliegt, its subsid	faries,
Relinquished By:  Relinquished By:  Date: 8-23  Received By:  Relinquished By:  Date: Received By:  Received By:  Received By:  Received By:  Received By:	am a based upon any of the above stated respons or other Phone R Fax Resu REMARN	lesuit: ' Yes No Add'i Phone #:
Time:		email results to pm@etechenv.com.
Delivered By: (Circle One) - (2.0) C-0.0; Sample Co Cool Into	t (Initials)	
L RO		

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	1	1+	
Company Name: Etech Environmental & Safety Solutions,	, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lanc Crenshaw		P.O. #:	
Address: P.O. Box 301		Company: May 20011	
City: Lovington State: NM Zip:	: 88260	Attn: Jeff Broom	
Phone #: (575) 396-2378 Fax #: (575) 396-1-	429	Address: 4801 Bus PBIND	
Project #: 18 228 Project Owner: N	Tolkhourn	City: Hobbs	
Project Name: Chili Verde 23/24 fee a	Un 716 H	State: NM Zip:89241/	21 SIM
Project Location: Rural Carlsbad NM		Phone #:	Chloride- TPH (8015M) STEX (8021B)
Sampler Name: Domini/ CASGEL		Fax #:	R F M
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	1
Lab I.D. Sample I.D. 84732949		ACIDIARSE:	
DC 21 SHI OSUV G	1	1 6723	
22 34181	1		
23 3 H L Q SW G			
SH SHLEI			
25 SH3@SW 9	1		
26 2H301			
a7 SHUCSUY G	1		
385H4C1			
39 SH5@SW G			
PLEASE NOTE: Liability and Dumages, Cardinal's liability and client's exclusive remedy for any claim	m arising whether besed in contract	or tort, shall be limited to the amount paid by the client for the	the '
analyses. All cleans including trops for negligence and any other cause wheleover shell be deemed service. In no event shell Cardinel be lieble for incidental or consequental demages, including without			
1809 (1809)	regardes of whether such claim poerived By:	Phone Res Fax Result REMARKS: X CU Please en	
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)	α(0(°))

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Lanc Creashaw P.O.#:	
Address: P.O. Box 301 Company: Me Wourn	
City: Lovington State: NM Zip: 88260 Attn: JRH Broom	
Phone #: (575) 396-2378 Fax #: (575) 396-1429 Address: 4901 Bus P Blvd	
Project 9: 18 27.8 Project Owner: Mev by n City: Habit	
Project Name: Chili Veide 23/24 fed Com 716 H State: NM Zip: 88240  Project Location: Rural Carls bad Phone #:  Sampler Name: Dominia Casarca Fax #:  FOR LAB USE ONLY  MATRIX PRESERV SAMPLING	
Project Location: Rural Carls bad Phone #:  Sampler Name: Dam in it Cascart 2 Fax #:	
Sampler Name: Dominic Cosurcz Fax#:	
Tab I.D. Sample I.D. (S)	
3/ WHI & SOV GI V V 1-29	-
33 EHICSUY G	
34 EH 1 @ 1	$\rightarrow$
27 611.0	
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service. In no event shall Cardinal be liable for incidental or consequental damages, including without limited on, business informations, loss of use, or loss of pirells incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of sensors between the performance of sensors for content of the performance of sensors for sensors or otherwise.	
Relinquished By:    Date: 18-23   Received By:   Phone Result:   Yes   No   Add'l Phone 8:	5
Relinquished By:  Date: Received By:  Time: Received By:  Please email results to pm@etecheny.com.	3
Delivered By: (Circle One) _ \2 .0:0-0-0. Sample Condition CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: 12.0 2 #113   West Yes   Yes	

FORM-006

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



June 19, 2023

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

RE: APOLLO CHILI VERDE WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/19/23 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions

LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 06/19/2023 Sampling Date: 06/19/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: APOLLO CHILI VERDE WATER TRANSFEF Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE (32.4781 - 104.17067)

Sample ID: SP 1 @ 11' (H233152-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Analyte Result 880 Chloride 16.0 06/19/2023 ND 416 104 400 7.41

Sample ID: SP 2 @ 9' (H233152-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 992 16.0 06/19/2023 ND 416 104 400 7.41

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keine



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keens

# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 202 2226 EAV (575) 202 2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	e: Etech Environmenta	al & Safety Solu	tions	, Inc	-						Bli	LL TO					ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw								P.O.	#:							
Address: 26	17 West Marland								Com	pany	4	Etec	ah .				
City: Hobbs		State: NM	Zip:	882	240				Attn:		-	Lance Cren	shaw				
Phone #: (57	75) 264-9884	Fax #:							Addr	ess:							
Project #: 18	228	Project Owne	r:	Me	wbo	urne			dity:					1		-	
Project Name:	Apollo Chili Verde Wate	er Transfer Line							State	e: N	IM	Zip:			SM)	813	
Project Location	on: 32.4781, -104.1706	7							Phor				1	Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name	: Lance Crenshaw								Fax i	F:				3	I	X	
FOR LAB USE ONLY						MA	TRIX	(	P	RESE	RV.	SAMPL	ING	1	1	B	
Lab I.D.	Sample I.	D.	(G)RAB OR INCOMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME		7		
L	SP 1 @ 11'		G	1		X				X		6/19/23	1 / 1	X			
2	SP 2 @ 9'		G	1		X				X		6/19/23		X	*		
LEASE NOTE: Liability	and Damages, Cardinal's liability and clies	nif's exclusive remedy for	ny claic	n arisin	g wheth	er base	d in cor	ntract o	r fort, sh	sall be li	mited to	o the amount pe	id by the client fo	r the *			
nalyses. All claims includervice. In no event shall (	ding those for negligence and any other c Cardinal be liable for incidental or conseq	aune whatsoever shall be wentel damages, includin	deemed g withou	t firefiel	d unless don, bus	s made i ninces in	in welle Sorrupi	ions, lo	received as of us	by Car a, or los	clinel wi	thin 30 days allo offin incurred by	er completion of t client, its subside	the applica	ible		
Relinquished E	Carle	Date:	Red	ceiv	ed B	y: UU	Otto	A C	Sased u	le l	y of the	above stated re	Phone Re Fax Resu REMARK	sult: lt:	□ Ye		No Add'l Phone #: No Add'l Fax #:
- Industrial E		Time:									-		RUSI	H S	AMI	PLF	ES
Delivered By	: (Circle One)					mple			n			ED BY:					copy of CoC to pm@etechenv.com.
		0.46/		0	Co	ool Yes	Inta	ct	-		(Initi	als)					



June 29, 2023

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

RE: APOLLO CHILI VERDE WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/20/23 15:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

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

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Reported:

29-Jun-23 09:32



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

### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS NM, 88240

Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 1 @ 11.5'	H233201-01	Soil	20-Jun-23 10:29	20-Jun-23 15:07
SP 2 @ 9.5'	H233201-02	Soil	20-Jun-23 10:45	20-Jun-23 15:07

06/29/23 - Client changed the sample ID on -02 (see COC). This is the revised report and will replace the one sent on 06/26/23.

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 29-Jun-23 09:32

SP 1 @ 11.5' H233201-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3062114	AC	21-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	3062101	MS	22-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctane			97.8 %	48.2	-134	3062109	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	3062109	MS	21-Jun-23	8015B	

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Celeg D. Keene



### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 29-Jun-23 09:32

SP 2 @ 9.5' H233201-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3062114	AC	21-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3062101	MS	22-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	3062101	MS	22-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062109	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3062109	MS	21-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3062109	MS	21-Jun-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 29-Jun-23 09:32

### **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Anaryte	Kesuit	Lillit	Omis	Levei	Kesuit	70KEC	Lillits	KrD	Lillit	Notes
Batch 3062114 - 1:4 DI Water										
Blank (3062114-BLK1)				Prepared &	Analyzed:	21-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3062114-BS1)				Prepared &	Analyzed:	21-Jun-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3062114-BSD1)				Prepared &	Analyzed:	21-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



%REC

71.5-134

998

### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Source

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 29-Jun-23 09:32

RPD

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Reporting

0.0499

Spike

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3062101 - Volatiles										
Blank (3062101-BLK1)				Prepared: 2	21-Jun-23 A	nalyzed: 2	2-Jun-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			
LCS (3062101-BS1)				Prepared: 2	21-Jun-23 A	analyzed: 2	2-Jun-23			
Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.14	0.050	mg/kg	2.00		107	86-128			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.10	0.050	mg/kg	2.00		105	86.1-125			
Total Xylenes	6.39	0.150	mg/kg	6.00		106	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			
LCS Dup (3062101-BSD1)				Prepared: 2	21-Jun-23 A	nalyzed: 2	2-Jun-23			
Benzene	2.11	0.050	mg/kg	2.00		106	82.8-130	2.83	15.8	
Toluene	2.09	0.050	mg/kg	2.00		104	86-128	2.56	15.9	
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128	2.97	16	
m,p-Xylene	4.14	0.100	mg/kg	4.00		104	89-129	3.40	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125	3.01	16.7	
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128	3.28	16.3	

Cardinal Laboratories \*=Accredited Analyte

mg/kg

0.0500

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Surrogate: 4-Bromofluorobenzene (PID)



%REC

Limits

RPD

### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: APOLLO CHILI VERDE WATER TRA

Source

Result

%REC

87.0

99.9

102

77.6-123

48.2-134

49.1-148

0.402

18.5

Project Number: 18228

Project Manager: LANCE CRENSHAW

Spike

Level

400

49.6

50.0

Fax To:

Reported: 29-Jun-23 09:32

RPD

Limit

Notes

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Units

Reporting

Limit

10.0

Result

348

49.5

50.8

DI 1 (20(2100 DI 174))				D 10.4					
Blank (3062109-BLK1)				Prepared & Anal	lyzed: 21-Jun-23				
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.1		mg/kg	49.6	93.0	48.2-134			
Surrogate: 1-Chlorooctadecane	49.0		mg/kg	50.0	98.0	49.1-148			
LCS (3062109-BS1)				Prepared: 21-Jur	n-23 Analyzed: 2	2-Jun-23			
GRO C6-C10	172	10.0	mg/kg	200	86.1	78.5-124			
DRO >C10-C28	174	10.0	mg/kg	200	87.1	72.5-126			
Total TPH C6-C28	346	10.0	mg/kg	400	86.6	77.6-123			
Surrogate: 1-Chlorooctane	50.1		mg/kg	49.6	101	48.2-134			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0	100	49.1-148			
LCS Dup (3062109-BSD1)				Prepared & Anal	lyzed: 21-Jun-23				
GRO C6-C10	172	10.0	mg/kg	200	86.0	78.5-124	0.174	17.7	
DRO >C10-C28	176	10.0	mg/kg	200	88.0	72.5-126	0.969	21	

mg/kg

mg/kg

mg/kg

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### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

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# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

(575) 393-2326 FAX (575) 393-2476	14	
ompany Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
- Complete Complete	P.O. #:	
idress: P.O. Box 301	Company: Mew bouge	
ty: Lovington State: NM Zip: 88260	Altn:	
none #: (575) 396-2378 Fax #: (575) 396-1429	Address:	
roject #: Project Owner: Mwbawn	City:	
roject Name: Apollo Chili Verde Water Transfer L	State: Zip:	218 SM
roject Location: Apollo Chili lade work Transa Lin		Cbloride TPH (8015M) STEX (6021B)
ampler Name: JEFF BRUM / GURNTON REYNA	Fax#:	3 5 2
OR LAB USE ONLY MATR	PRESERV. SAMPLING	F   50
(G)RAB OR (C)OMP.  # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL / OTHER:	
1 SP10 111/2 G V	6/20/23 10:29	
2 5P2051/2 6 V	6/20/23 10:45	V V J
9		
*84		
u[88] 83		
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lyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in w rice. In no event shall Cardinal by liable for incidental or consequental damages, including without limitation, business inter-	ng and received by Cardinal within 30 days after completion of t	ne applicable
lates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether sure large lates are large.  Date: 120 Received By:	Chieff is bessed upon any of the above stated researce or otherwise.  Phone Re Fax Resu REMARK	suit: ' Yes No Add'l Phone #:
	The state of	
Time:	Please e	mail results to pm@etechenv.com.
Delivered By: (Circle One) 6.9°C Sample C	ndition CHECKED BY:	sistemer requested antiple
ampler - UPS - Bus - Other: 6.3°C H/(3 P No	You M	mail results to pm@etechenv.com.sted sample ustomer requested sample ID depth update stadeigne
	verbal changes. Please fax written of	

Received by OCD: 7/23/2025 7:54:19 AM



July 11, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/07/23 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Applymed By MC

Received: 07/07/2023 Sampling Date
Reported: 07/11/2023 Sampling Typ

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

Sampling Date: 07/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NW 1 (H233473-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	07/10/2023	ND	2.09	105	2.00	0.817	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.06	103	2.00	0.836	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.18	103	6.00	0.581	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celeg D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 2 (H233473-02)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	07/10/2023	ND	2.09	105	2.00	0.817	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.06	103	2.00	0.836	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.18	103	6.00	0.581	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: MS

Received: 07/07/2023 Reported: 07/11/2023 Sampling Date: 07/07/2023 Sampling Type: Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: NW 3 (H233473-03)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 4 (H233473-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 5 (H233473-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: NW 6 (H233473-06)

BTEX 8021B

DILX GOZID	mg/ kg		Allulyzed by: 1-15						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Received:

07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 7 (H233473-07)

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	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: MS

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: NW 8 (H233473-08)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 145					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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#### Analytical Results For:

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

Applyzod By: MC

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 9 (H233473-09)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 10 (H233473-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keene



Shalyn Rodriguez

#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: Sample Received By: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 11 (H233473-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 12 (H233473-12)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 13 (H233473-13)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	222	111	200	11.3	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	207	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/07/2023 Reported:

07/11/2023 CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 07/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: NW 14 (H233473-14)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 15 (H233473-15)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 16 (H233473-16)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	< 0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celeg & Keens



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: EW 1 (H233473-17)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: EW 2 (H233473-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: EW 3 (H233473-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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#### Analytical Results For:

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

Applyzod By: MC

rax

Received: 07/07/2023 Reported: 07/11/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

Sampling Date: 07/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: SW 1 (H233473-20)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 2 (H233473-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.25	112	2.00	1.32	
Toluene*	<0.050	0.050	07/10/2023	ND	2.26	113	2.00	0.251	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.14	107	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.62	110	6.00	1.66	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 3 (H233473-22)

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	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 4 (H233473-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Applyzod By: 1H /

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 5 (H233473-24)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 6 (H233473-25)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 7 (H233473-26)

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	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 8 (H233473-27)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	a by. 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Received: 07/07/2023 Reported: 07/11/2023

07/11/2023 Sampling Type:

Applyzod By: 1H /

Project Name: CHILI VERDE 23/24 FED COM 716 H
Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

07/07/2023

Soil

Sampling Date:

#### Sample ID: SW 9 (H233473-28)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 10 (H233473-29)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 11 (H233473-30)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 07/07/2023 Reported: 07/11/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sampling Date: 07/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: SW 12 (H233473-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	1.65	
Toluene*	<0.050	0.050	07/10/2023	ND	2.00	100	2.00	0.135	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.13	107	2.00	0.000984	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.41	107	6.00	0.0210	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 13 (H233473-32)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.10	105	2.00	0.557	
Toluene*	<0.050	0.050	07/10/2023	ND	2.07	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	0.623	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.13	102	6.00	0.932	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	18						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 14 (H233473-33)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.10	105	2.00	0.557	
Toluene*	<0.050	0.050	07/10/2023	ND	2.07	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	0.623	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.13	102	6.00	0.932	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	205	102	200	4.07	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	217	108	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/07/2023 Sampling Date: 07/07/2023

Reported: 07/11/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 15 (H233473-34)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2023	ND	2.10	105	2.00	0.557	
Toluene*	<0.050	0.050	07/10/2023	ND	2.07	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/10/2023	ND	2.03	101	2.00	0.623	
Total Xylenes*	<0.150	0.150	07/10/2023	ND	6.13	102	6.00	0.932	
Total BTEX	<0.300	0.300	07/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2023	ND	191	95.7	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/10/2023	ND	202	101	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	07/10/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Ma	(575) 393-2326 FAX (575) 393-2 Etech Environmental & Safety Solu	-	- Ann	_	-				-	-	100	L TO		-	-	-	-		ANIAL VOICE DE	OUEST	
ompany Name roject Manage								0.0	). #:	_	14	LIO		1	-	1			ANALYSIS RE	QUEST	1
ddress: P.O		61	/		-	the grade day of the	-		_		111	1 11		1							
			00	200	-		1)	Co	mpa	my:/	W LE	whai	7	-		1					
ity: Lovingto				260								1300									
	5) 396-2378 Fax #: (575)							Ade	dres	is: 4	80.	1 BUS	PBIVD			1					
roject #: 182	29 Project Owne	r. W	His	top	ch	-		City: 10005 State: NM Zip: 84240				1	-	.	8						
roject Name:	Chile yerde 23/24 fee	Con	n	7/6	11	1		Sta	te:/	Un	n z	ip: 89	240	9	5M		21E				
roject Location	n: Kural Carlstono		n	n	2			Ph	one	#:				Chloride	801		8				
ampler Name:	Chill Verde 23/24 fed n: Kural Carlstano Dominic Casar	e 2	E					Fax	#:					9	TPH (8015M)		BTEX (8021B)				
FOR LAB USE ONLY		Τ.			M	TRI	X I		PRE	SER	V.	SAMPL	ING	1 1	F		m				
Lab I.D.	Sample I.D.	G)RAB OR (C)OME	CONTAINERS	BROUNDWATER	WASTEWATER	SIL	SLUDGE	OTHER:	ACID/BASE:	CE/COOL	OINER:	DATE	TIME			1					
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	NW2	1	1		1	1	17			1	1	1		T	1	+	-				
3	NW3	11	1				1			1	1	1	31/	11	11	+	1				
4	NW4	11	11							1				1	11	1	T				
5	NV5	T	T			T				1	-			11	T	T	T				
10	NW6		1							1	1			11	T		T				
7	NW7	17								1		1			T	T					
8	NWB	11			1					1					T	T					
8	NW9	11					0					1.			. 4	,					
10	NWID	W	10							2		4		10	7 4	T	P				
alyses. All claims includir	nd Damages, Cardinat's liability and offent's exclusive remedy for ng those for negligence and any other cause whatsoever shall be	deeme	ed week	ed unle	es made	e in wei	ling and	i racel	ved by	Cardin	of with	in 30 days aft	or completion of	the applic	ostále						
liates or successors arisir	ardinal be liable for incidental or consequental demages, including out of or related to the performance of services hereunder by	Cardini	il, rega	rdiess o	( whoth																
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Delivered D.					ampi	- 0	1	lam l		CHE	OWE	D BY:	Please e	email	resu	lts t	o pr	n@el	echenv.com.		
Delivered By:	- Bus - Other: -9-6:	٩	<	0	cool	Int	act.	NO	-	CHEC											
sampler - UPS	- Bus - Other: (-9-10)	11:	3		OOI V	is P	Yes		X	Y											

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

	(575) 393-2326 FAX (575) 393-2	476	1	
Company Name	The state of the s	tions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manage	r. Lanc Crensnay		P.O. #:	
Address: P.C	). Box 301		Company: Men bourn	
City: Lovingt	on State: NM	Zip: 88260	Attn: Jeff Broom	
Phone #: (57			Address: 4801 BUS & 8100	
Project #: 18	Chile Verde 23/24 Fee on: Rural Carlsbad	in membourn	Attn: Seff Broom Address: 4801 Busp 8NC City: Hobbs	
Project Name:	Chile Verde 23/24 fee	Com 716 H	State: MM Zip: 88 24 0	9 2 2 B 2 B B B B B B B B B B B B B B B
Project Locatio	n: Rural Carlstad	Nm	Phone #:	Chloride H (8015)
Sampler Name:	Deminie Cash	rez	Fax #:	Chloride TPH (8015M) BTEX (8021B)
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	F   E
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL	ACID/BASE: CE / COOL  QTHER:	
Dal	NWII	CIIV	V 7-7	
12	NW12	111111		
13	NW13			
134 156	NW14			
15	NW15			
16	NW16			
18	EWI			
18	EW2			
19 20	Ew 3	10.0		
PLEASE NOTE: Liability a	SW / nd Damages, Cardinal's liability and client's coolunive remedy for	any claim arising whether based in contr	act or tort, shall be firthed to the amount paid by the client for	
analyses. All claims includ	ing times for negligence and any other cause whetever shall be cardinal be leable for incidental or consequental demages, includin	deemed waived unless made in writing	and received by Cardinal within 30 days after completion of the	appligable
Relinquished B	ing out of or related to the performance of services hereunder by	Cardinal, regardless of whether such de Received By:	in a based upon any of the above stated ressons or otherwise Phone Res	uit: ' Yes No Add'l Phone #:
Relinquished B	the 11055	Secola Received By:	Fax Result REMARKS	: D Yes D No Add'l Fax #:
	Time:		Planea or	nail results to pm@etechenv.com.
Delivered By Sampler - UPS	: (Circle One) = 9.0:) 0.0	Sample Cond Cool Intact	ition CHECKED BY:	паштезана то ринциянестного.соги.

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2	476	11.					
Company Name	: Etech Environmental & Safety Solu	tions, Inc.	BILL TO				ANALYSIS REQUEST	
Project Manage	- Lanc Crenshaw		P.O. #:	4				
Address: P.O	. Box 301		Company: MeWbou	n				
City: Lovingto	on State: NM	Zip: 88260	Attn: Jeff Brook	7	1"	fes D No Add'l Phone #:		
	5) 396-2378 Fax #: (575) 3		Address: 4801 Lus	BIVA				
Project #: 182	28 Project Owner Chile Verde 23/14 fed Com	r.Wew boyin	City. Hobbs Mn					
Project Name:	Chile Verde 23/24 Fed Com	711H	State: N/m Zip:887	111	6M)	218		
Project Location	n: Rural Carlshadam		Phone it:	Chloride	801	(80		
Sampler Name:	Dominis Crarez		Fax #:	45	FPH (8015M)	X		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	ING	1 =	0		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OUT	ا نیا ح	THE				
	5W2	0111	V 7-7	V	V	V		
Salamon Salamon	543			1	1	1		
23	5w4			1				
24	SWS							
25	5W6				11			
26	5W7				11			
27	5W8				41			
28	SWG				11			
29	SWID				14			
the same of the sa	SWII  d Damages, Cardinat's liability and client's exclusive remedy for a		of or hot shall be implied to the second of	The first dead for the	1			
analyses. All claims include	ng those for negligence and any other cause wheteoever shall be ardinal be liable for incidental or consequental damages, includin	deemed weiged unless made in writing a	nd repthed by Carried within 30 days of	or enmolation of the armit	cable			
Relinquished By	ng out of or related to the performance of services hereunder by t	Received By:	m is beauti upon any of the above stated in	Phone Result:	'D Ye	e O No I	Add Shows #	
€n	The 1055	8 Rodei	queis	Fax Result: REMARKS:	□ Ye			
Relinquished By	Date:	Received By:		Diagon are all	عار مع م	40 mm 2-1-		
	(Circle One) -9-010-0 Bus - Other: -9-01	Sample Condi Cool Intact	(Initials)	riease email	result	s to price ete	CHENV.COM.	

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

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# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solu		BILL TO	-		ANALYSIS REQUEST
Project Manager	: Lanc Crenshaw		P.O. #:			
Address: P.O.	Box 301		Company: MRW bourn	1		
City: Lovingto	n State: NM	Zip: 88260	Attn: Jeff Broom			
Phone #: (575	) 396-2378 Fax #: (575) 3	396-1429	Address: 4901 Bus o Blut			
Project #: 187	228 Project Owne	r. Mewbourn	Attn: Jeff Broom Address: 4911 Bis p Blut City: Fbb5	1		
Project Name:	Rural Carkbard : Chile verde 23/24 Dominil Casare	NM	State: NM Zip: 88240		TPH (8015M)	
Project Location	: Chile verde 23/24	fed Com 716 H	Phone #:	Chloride	801	
Sampler Name:	Dominil Cusare	2	Fax #:	S	E M	
FOR LAB USE ONLY		MATRIA	PRESERV. SAMPLING		10	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL	ACID/BASE: ICE / COOL  QTHER:  ATHER:			
D(3)	5W12	CIII	7-7		1	
33	5W13	CIV		V	1	
D/31	SWIH	CII		W	VV	
34	5W15	10 1		V	VV	
				1	++	
				-		
				++	-	
				1	++	
				1	+++	
	Damages, Cardinal's liability and client's exclusive remedy for a				1	
service. In no event shall Cu	g those for negligence and any other cause whatsower shall be rdinal be fiable for incidental or consequental damages, including g out of or related to the performance of services hereunder by (	g without limitation, business interruptio	ne, focus of use, or focus of pholitic incurred by client, its subside	arion,		
Relinquished By	Date: 7.7 Tippe: 7.55	Received By:	Phone Ri Fax Resu REMARK	sult: 'C	Yes N	
Relinquished By	Time:	Received By:	Please	vnail rae	sults to nmil	@etechenv.com.
Delivered By: Sampler - UPS	(Circle One)	Sample Con Cool Intac Yes 1 No	dition CHECKED BY:	ATION TOS	ome to ping	gelouiett, coll.

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July 13, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/10/23 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

A ... - I. ... - - I D. ... 311 /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 16 (H233503-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 17 (H233503-02)

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	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	18						

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\*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: SW 18 (H233503-03)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Analyzed By: JH/

Received: 07/10/2023

Sampling Date:

07/10/2023 Soil

Reported: Project Name:

BTEX 8021B

07/13/2023 CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Type: Sampling Condition:

Cool & Intact

Project Number:

18228

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 19 (H233503-04)

	91	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	123 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 20 (H233503-05)

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	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	< 0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 21 (H233503-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	122 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 22 (H233503-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	125 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: SW 23 (H233503-08)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Analyzed By: JH/

Received: 07/10/2023 Reported: 07/13/2023 Sampling Date: 07/10/2023

Project Name:

BTEX 8021B

CHILI VERDE 23/24 FED COM 716 H

Sampling Type: Soil

Project Number:

18228

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

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: SW 24 (H233503-09)

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 25 (H233503-10)

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	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Applyzod By: 1H /

Received: 07/10/2023 Reported: 07/13/2023 Sampling Date: 07/10/2023
Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Type: Soil
Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

### Sample ID: NW 17 (H233503-11)

RTFY 8021R

Analyte ene* ne* penzene*	Result <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 07/12/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
ne* penzene*	<0.050		07/12/2023						Qualifici
penzene*		0.050		ND	1.89	94.3	2.00	8.57	
		0.030	07/12/2023	ND	1.87	93.6	2.00	7.48	
V. domos*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
BTEX	<0.300	0.300	07/12/2023	ND					
gate: 4-Bromofluorobenzene (F	D 115 %	5 71.5-13	4						
ide, SM4500Cl-B	mg/k	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
de	<16.0	16.0	07/12/2023	ND	432	108	400	0.00	
8015M	mg/k	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
>C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
gate: 1-Chlorooctane	120 %	6 48.2-13	4						
gate: 1-Chlorooctadecane	129 %	6 49.1-14	8						
ORO >C28-C36  gate: 1-Chlorooctane	<10.0 120 %	10.0	07/11/2023		190	95.2	200		5.82

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

### Sample ID: NW 18 (H233503-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.89	94.3	2.00	8.57	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.99	99.5	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.01	100	6.00	7.34	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 19 (H233503-13)

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	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2023	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	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 20 (H233503-14)

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	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2023	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	07/11/2023	ND	201	100	200	4.46	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	190	95.2	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 21 (H233503-15)

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	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2023	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	07/12/2023	ND	176	87.9	200	0.981	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	180	90.1	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					
Surrogate: 1-Chlorooctane	115 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: NW 22 (H233503-16)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/12/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	176	87.9	200	0.981	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	180	90.1	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					
Surrogate: 1-Chlorooctane	118 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Sample Received By:

07/10/2023

Tamara Oldaker

### Analytical Results For:

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

Analyzed By: JH/

07/10/2023 Sampling Date:

Reported: 07/13/2023 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

Sample ID: NW 23 (H233503-17)

Received:

BTEX 8021B

	<u> </u>			· , · ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/12/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	176	87.9	200	0.981	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	180	90.1	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: NW 24 (H233503-18)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/12/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	176	87.9	200	0.981	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	180	90.1	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/10/2023 Sampling Date: 07/10/2023

Reported: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 25 (H233503-19)

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	07/12/2023	ND	1.93	96.7	2.00	9.15	
Toluene*	<0.050	0.050	07/12/2023	ND	1.87	93.6	2.00	8.92	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.03	102	2.00	8.86	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.12	102	6.00	8.76	
Total BTEX	<0.300	0.300	07/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2023	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	07/12/2023	ND	176	87.9	200	0.981	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	180	90.1	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					
Surrogate: 1-Chlorooctane	127 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	146	% 49.1-14	8						

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### **Notes and Definitions**

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

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

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

Company Name	: Etech Environmental & Safety Solu		BILL TO	ANALYSIS REQUEST
Project Manage	- Lanc Creushaw		P.O. #:	
Address: P.O	. Box 301		Company: Mew Boven	
City: Lovingto	on State: NM	<b>Zip:</b> 88260	Attn: JEFF Broom	
Phone #: (575	5) 396-2378 Fax #: (575) 3	96-1429	Address: 4801 Buc aBlist	
Project #:   9 2	28 Project Owne	r. Mewbourn	Attn: JRFC Broom Address: 480   Bus pBlid City: Hobbs	
Project Name:	Chile verde 23/24 fed	Com 711 H	State: N/ Zip:	Chloride TPH (8015M) 3TEX (8021B)
Project Location	1: Rural Carls bad	Wn	Phone #:	Chloride TPH (8015M)
Sampler Name:	- Rural Carls bad Dominic Casavy	7	Fax #:	45 X X
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	
Lab I.D. <i>H</i> 233503	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OUL	OTHER: CE/COOL THER:	
DC /	5W16	(1)	7-10	
3	SW17	CI		
3	5W18	CI		
4	5419	C 1 .		
5	5W 20	CIIII		<del></del>
4	SU 21	CII		<del>                                      </del>
7	5W22	CII		<del>\  \  \  \  \  \  \  \  \  \  \  \  \  \</del>
8	SW23	CI		
10	\$w24 5w25			
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service. In no event shall Ca	ng those for negligence and any other cause whelsoever shall be ardinal be liable for incidental or consequental damages, includin	g without limitation, business interrupliges	, loss of use, or loss of profile incurred by client, its subsidiarie	
Relinquished By	110	Received By:	Phone Res Fax Result	##: ' Yes No Add'l Phone #:
Relinquished By	Time: 45	Received By:	it will ge	w.
Delivered By: Sampler - UPS	(Circle One) - Bus - Other: 3.4c	#140 Sample Condition Cool Intact Ves Yes No No N	tion CHECKED BY:	nail results to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

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

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

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Danc Crenshaw	P.O. #:	
Address: P.O. Box 301	Company: Mentagin	
City: Lovington State: NM Zip: 88260	Attn: Jeff Broom	1   1   1   1   1   1   1   1
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address: 481 ( Bus pBIVD	
Project #: 18 228 Project Owner: Moly Project	City: H1004	
Project Name: Chilo Neval 23/24 Fex Coun 716 F	State: N/M Zip:	- 12 SM - 12
Project Location: Rural Condehad Nm	Phone #:	(8015M) (8021B)
Project \$: 18 728  Project Owner: Melybry V  Project Name: Child Vevde 13/24 fed Com 716 fe  Project Location: Rural Cansbard Nm  Sampler Name: Domin: 2 Casual	Fax #:	Chloride Chloride BTEX (8021B)
FOR LAB USE ONLY	TRIX PRESERV. SAMPLING	
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER	OTHER: ACIDIBASE: CE / COOL OTHER: ATHER:	
W 11 NW17 (1)	7-10	
12 NW 18 (1)		
18 NW 19 CI		
14 NW 20 CI		
15 NW 21 C1		
16 NW 22 C		
17 NW 23 CI		
18 NW 24 CI		
19 MW 25 C 1		
DETIN	V	999
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Delivered By: (Circle One)  Sampler - UPS - Bus - Other:	To ease of	andi results to pringetecheniv.com.

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



July 19, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/13/23 16:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Analyzed By: MS

07/13/2023

Sampling Date:

07/13/2023

Reported: Project Name:

Received:

BTEX 8021B

07/19/2023

mg/kg

Sampling Type:

Soil

Project Number:

CHILI VERDE 23/24 FED COM 716 H 18228

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

Sample ID: SW 26 (H233631-01)

	9,	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/17/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 27 (H233631-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: WW 1 (H233631-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Shalyn Rodriguez

### Analytical Results For:

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

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition:
Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: WW 2 (H233631-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/13/2023 Reported: 07/19/2023 Sampling Date: 07/13/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Project Number: 18228

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: EW 4 (H233631-05)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: NW 26 (H233631-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: MS

07/13/2023

Sampling Date:

07/13/2023

Reported: Project Name:

Received:

BTEX 8021B

07/19/2023

Sampling Type:

Soil

CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Number: Project Location: 18228

MEWBOURNE - RURAL CARLSBAD, NM

Sample ID: NW 27 (H233631-07)

	9,	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



07/13/2023

### Analytical Results For:

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

Received: 07/13/2023 Reported:

07/19/2023 Sampling Type: Soil CHILI VERDE 23/24 FED COM 716 H Sampling Condition:

Sampling Date:

Project Name: Project Number:

Cool & Intact Sample Received By: 18228 Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: NW 28 (H233631-08)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/17/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keine



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg & Keene

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	Manager: Lanc Crenshaw						T		1	BII	LL TO						ANA	LYS	IS F	REQU	JEST			
Project Manage	- Lanc Crenshaw						F	.O. il	Ŀ						T	T	1	T	T	T	T		T	T
Address: P.O							C	omp	any:	M	evroo	cn	1											
City: Lovingto	on State: NM	Zlp	: 88	260			A	ttn:	J	pf	F Bra	u		Ř		1								
Phone #: (57	5) 396-2378 Fax #: (575)	396-	1429	)			A	ddre	58:	110	11 Rue	Blud	1											
Project #: /8	228 Project Owne	r. /	MA	W/h	11/1	h	C	Attn: Teff Broom Address: Ufol Busp Blvd City: Hobbs			1		_											
Project Name:	Chile Verde 21/4 F	210	an	716	H		S	tate:	Nn	M.	Zip:88%	240	1.	NS.	STEX (8021B)					1				
Project Location	n: Rural Carlston d	-	2	w			P	Phone #:			Chloride	801	802		1		1							
Sampler Name:	Daminic Ca	56	VP	Z		-	Fax #:			충	TPH (8015M)	EX												
FOR LAB USE ONLY		T	T		MA	TRIX		-	ESE	RV.	SAMPL	NG	1	1	FB									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	J/M	SLUDGE	ACID/BASE:	ICE / COOL	OKHER:	DATE	TIME	1											
DrI	5W26	1	1		1			T	1		7-13		V	V	10	1			T					
2	5W27	C	1		i				1		-1		1	1	1									
3	WWI	C	1												П									
4	NWZ	C	1		11																			
5	ENY	C	1		11		1		Ш					11	1									
4	NW 26	C	11		11			1	Ш	1			11		11					1			-	
7	NW27	C	1		17		-		14		1		11		11/	-	-	-	1	1	-	-	-	-
8	N W 28	C	C	1	V			-	V		A		A	g	V	-		1	-	-	-		-	-
		1	-	1	-		+	-		_			-	1	-	-	-	-	-	+	-	+	-	-
analyses. All claims includi service. In no svent shall C affiliates or successors shall C affiliates or successors and Relinquished B	Time:	deemer g witho Curdins	d well ut limit regarded	wed By	reside in the second in the se	o writing	and re	celved b	or loss on any	ireal will of pire of the	thin 30 days all	er completion of t	to applica vios, no. result: lt: S:	O Ye	is I	□ No □ No om@e	Add	Phon Fax i	k					
Sampler - UPS	- Bus - Other: 416	10		Co	of	Intac		1		Initi														

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



July 24, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/17/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



07/17/2023

### Analytical Results For:

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

Received: 07/17/2023 Sampling Date:
Reported: 07/24/2023 Sampling Type:

Reported: 07/24/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyand By 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

### Sample ID: SW 28 (H233699-01)

DTEV 0021D

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	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celeg D. Keene



### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 29 (H233699-02)

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	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	18						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

### Sample ID: SW 30 (H233699-03)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Analyzed By: JH/

Sampling Date:

07/17/2023

Reported: Project Name:

Received:

BTEX 8021B

07/17/2023 07/24/2023

Sampling Type:

Soil Cool & Intact

CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Condition:

Project Number:

18228

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

### Sample ID: SW 31 (H233699-04)

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	71.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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Celey D. Keine



Sample Received By:

07/17/2023

Tamara Oldaker

#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date:

Reported: 07/24/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sample ID: SW 32 (H233699-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 33 (H233699-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	71.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH/

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023
Sampling Type: Soil

Project Name:

BTEX 8021B

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 34 (H233699-07)

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: JH/

Sampling Date:

07/17/2023

Reported:

Received:

BTEX 8021B

07/17/2023 07/24/2023

mg/kg

Sampling Type:

Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition:

Cool & Intact

Project Number:

18228

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 29 (H233699-08)

	9/	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	4.61	
Toluene*	<0.050	0.050	07/21/2023	ND	1.96	97.9	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	3.59	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.41	107	6.00	3.56	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Applyzod By: MC

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023
Sampling Type: Soil

Project Name: CHILI Project Number: 18228

CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 30 (H233699-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 31 (H233699-10)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	66.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 32 (H233699-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Applyzod By: MC

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 33 (H233699-12)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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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: 07/17/2023 Reported:

07/24/2023 Sampling Type: CHILI VERDE 23/24 FED COM 716 H

Applyzod By: MC

Sampling Date:

Sample Received By:

Project Name: Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

Soil Sampling Condition: Cool & Intact

07/17/2023

Tamara Oldaker

Sample ID: EW 5 (H233699-13)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

07/17/2023 07/24/2023

CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 07/17/2023

Sampling Type: Soil

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

#### Sample ID: EW 6 (H233699-14)

Received:

Reported:

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-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	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: EW 7 (H233699-15)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	171	85.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	225	112	200	26.7	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Analyzed By: MS

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Type: Soil
Sampling Condition: Cool

Project Number: 18228

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

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: EW 8 (H233699-16)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	172	86.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	177	88.4	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	56.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.2	% 49.1-14	8						

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Celeg D. Keine



#### Analytical Results For:

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

Analyzed By: MS

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023
Sampling Type: Soil

Project Name:

BTEX 8021B

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number:

18228

mg/kg

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 3 (H233699-17)

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	172	86.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	177	88.4	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	53.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.5	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: WW 4 (H233699-18)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	172	86.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	177	88.4	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	55.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.6	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Applyzod By: MC

Received: 07/17/2023 Reported: 07/24/2023 Sampling Date: 07/17/2023
Sampling Type: Soil

Project Name:

RTFY 8021R

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By: Cool & Intact
Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: WW 5 (H233699-19)

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-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	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	172	86.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	177	88.4	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	54.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.5	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/17/2023 Sampling Date: 07/17/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 6 (H233699-20)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	1.95	97.3	2.00	4.32	
Toluene*	<0.050	0.050	07/21/2023	ND	1.85	92.7	2.00	6.30	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.97	98.4	2.00	3.77	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	5.91	98.6	6.00	5.34	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	07/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	172	86.2	200	1.11	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	177	88.4	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	56.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.3	% 49.1-14	8						

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Celey D. Keine



#### **Notes and Definitions**

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

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

ecovery.

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. Keine

# ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solut	ions, Inc.	BILL TO			ANALYSIS REQUEST
Project Manage	r. Love Crenchar		P.O. #:			
Address: P.C	. Box 301		Company: Meubourn			
City: Lovingto	on State: NM	<b>Zip:</b> 88260	Attn: Jeff Brown			
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1429	Address: 461 JaspB/18	- 27		
Project #: 82	78 Project Owner	Menburn	City: Hobbes	1		
Project Name:	Chile Verde 23/24 fed Co	m716 H	State:/// Zip: 98240	e WS	STEX (8021B)	
Project Location	n: Rural Carlshad		Phone #:	Chloride TPH (8015M)	(80	
Sampler Name:	Dominia Casaret		Fax #:	Chloride	M	
FOR LAB USE ONLY	The state of the s	MATRIX	PRESERV. SAMPLING		B	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	ACID/BASE: ICE / COOL ATHER: A	v		
D /	5w28	CIIV	7-17	VV	V	
3	5W29			1	1	
3	5W30					
4	Sw31					
5	Sw 32					
6	54 33					
7	5w34					
8	NUZG				11	
9	NW30			1	141	
IO	NW31 ad Damages, Cardinal's liability and client's exclusive remedy for a	VOIV	AA	-	101	
analyses. All clams includi	ng those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, including	deemed waved unless made in writing	and received by Cardinal within 30 days after completion of th	er applicable	15.	Š - 13
	ng out of or related to the performance of services hereunder by C			sult:	Yes   No	
Relinquished B	y: Date:	Received By:	China in			
	- Bus - Other: 4.0 c	Sample Cone Cool Intac Yes	ition CHECKED BY: (Initials)	mail resu	its to pm@	Detechenv.com.

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

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

# RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lanc Cranghaw	P.O. #:	
Address: P.O. Box 301	Company MENDENM	
City: Lovington State: NM Zip: 88260		
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Attn: Telf Broom Address: Ugd bus p Blu	
Project #: 19228 Project Owner: MONDOYM	City: Hobbs	
Project Name: Chile VRVde 23/24 fed Com 716 H	State: NM Zip:882Ud	(a) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Project Location: Ruyal Cod Che 1	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Project Location: Ruyal Carlobed Sampler Name: DOMINIC CARRE	Fax #:	
FOR LAB USE ONLY MATE		
R (C)OMP.	SLUDGE OTHER: ACID/BASE: ICE / COOL  ATHER:	
Di 11 NW32 CI V	7-17	
12 NW33		
13 0 EWS		
14 EW6		
ISEUT		
16 EW8 "		
17 W W3		
18 WW4		
19 WW 5		
ZU WW6		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based is unalyses. All claims including those for negligenous and any other cause whateover shall be desented waked unless made in service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business that difficies or successors arising out of or inlated to the performance of services hereunder by Cardinal, regardless of whether	rling and received by Cardinal within 30 days after completion of t splions, loss of use, or loss of profile incurred by client, its subsidie	ne applicable rion,
Relinquished By: Date: 7.17 Received By:	Phone Re	sult:    Yes    No    Add'l Phone #:
Timey 200 MAIII	Fax Resu REMARK	
Relinquished By: Date: Received By:	a news y	
Time:	Please	mail results to pm@etechenv.com.
Delivered By: (Circle One) #140 Sample	ondition CHECKED BY:	The state of principles of the state of the
Sampler - UPS - Bus - Other: 4.0° 40 Cool	Yes (Initials)	
FORM-006 + Cardinal cannot acce	t verbal changes Please fax written	hange to 575 303-3476

Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM



July 26, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/20/23 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 34 (H233801-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	207	104	200	3.25	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	208	104	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Keene



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: NW 35 (H233801-02)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	QM-07
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Reported:

07/26/2023 Sampling Type: CHILI VERDE 23/24 FED COM 716 H

Sampling Date:

Project Name: Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

07/20/2023

Soil

#### Sample ID: NW 36 (H233801-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Celey D. Keine



Cool & Intact

Tamara Oldaker

#### Analytical Results For:

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

 07/20/2023
 Sampling Date:
 07/20/2023

 07/26/2023
 Sampling Type:
 Soil

Reported: 07/26/2023 Sampling Type:
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition:

Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 37 (H233801-04)

Received:

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: NW 38 (H233801-05)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/20/2023 Reported: 07/26/2023 Sampling Date: 07/20/2023 Sampling Type: Soil

Project Name:

Project Location:

CHILI VERDE 23/24 FED COM 716 H

MEWBOURNE - RURAL CARLSBAD, NM

Sampling Condition: Cool & Intact

Project Number: 18228

Tamara Oldaker Sample Received By:

Sample ID: NW 39 (H233801-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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## Analytical Results For:

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

Applyzod By: MC

Received: 07/20/2023 Reported: 07/26/2023

07/26/2023 Sampling Type: Soil CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Coo

Sampling Date:

Project Name: CHILI Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

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

07/20/2023

#### Sample ID: NW 40 (H233801-07)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 35 (H233801-08)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Analyzed By: MS

Received: 07/20/2023 Reported: 07/26/2023

923 Sampling Date: 07/20/2023 923 Sampling Type: Soil

Project Name: CHILI Project Number: 18228

CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 36 (H233801-09)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celeg D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 37 (H233801-10)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 39 (H233801-12)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: EW 9 (H233801-13)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: EW 10 (H233801-14)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keens



#### Analytical Results For:

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

Analyzed By: MS

Received: 07/20/2023 Reported:

07/26/2023 Sampling Type: Soil CHILI VERDE 23/24 FED COM 716 H

Sampling Date:

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

07/20/2023

18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: EW 11 (H233801-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.04	102	2.00	3.97	
Toluene*	<0.050	0.050	07/26/2023	ND	2.10	105	2.00	0.816	
Ethylbenzene*	< 0.050	0.050	07/26/2023	ND	2.09	105	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.20	103	6.00	1.99	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/20/2023 Sampling Date: 07/20/2023

Reported: 07/26/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 7 (H233801-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	1.88	93.9	2.00	0.911	
Toluene*	<0.050	0.050	07/25/2023	ND	2.01	101	2.00	2.79	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	103	2.00	2.02	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.14	102	6.00	2.81	
Total BTEX	<0.300	0.300	07/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/25/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	196	97.9	200	8.88	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	6 49.1-14	8						

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Celey D. Keine



#### **Notes and Definitions**

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg & Keene

Released to Imaging: 8/4/2025 11:17:27 AM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Company Name	: Etech Environmental & Safety Solu	rtions,	, Inc	2.		T		811	LL TO						AN	LYS	IS R	EQUE	ST		
Project Manage	or Lanc Crengray					P.	0. #:						T								
Address: P.C	). Box 301					Co	ompan	y: 11	newb	ourn											
City: Lovingt	on State: NM	Zip:	882	260					4 Bro						1					- 1	
Phone #: (57	5) 396-2378 Fax #: (575)	396-1	429			Ac	idress	:48	20/30	SOBNA											
Project #: 18	228 Project Owner	r. p	10	Wow	4	Ci	tv.H	YSE	2	spand											
Project Name:	Chile Werderstou fed	Com	-	7164		St	ate: A	ly	35 Zip: 88	1240		N	1			1					
Project Locatio	Chile Verdez3/24 fed n: Rural Carls Domin-Z	bel	1				tone #			1 1	Chloride	TPH (8015M)	3TEX (8021B)			1	1				
Sampler Name:	Dren-nel (	4 <	-	rui	2	-	IX #:				Ĕ	H	X							- 1	
FOR LAB USE ONLY	20.4771.2	T	$\tilde{\Box}$	MAT	RIX	1	PRES	ERV.	SAMPLI	NG	_	F	F							- 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL		ACID/BASE:	ртнея:	DATE	TIME											
121	NL/34	C	1	V			1		7-20		L	V	7								
2.	NW34 NW35		1	1			1		1		1	1	1								
3	NV36		П									П	T								
i.i	NW37										П	П	П								
55	NW37 NW38	17										П	П								
6	NW39		5		T				9												
7	NW40	$\Pi$	П						1				П								
8	5435												П								
9	5436	1							/			4	П								
10	5437	4	7	7			A		7		4	N	14								
analyses, All claims Inches service. In no event shall C	Themages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any office rause whalloover what is cardinal be fielde for incidental or consequental demages, includi- ing out of or related to the performance of services threshold by	deemed g wilhou	t Hendin	ed unless made in ullon, business into	writing as muptions	nd reci	alved by Ca of use, or lo	edinal w	offin incurred by a	Book, ils subsides		itte									
Relinquished B	Date: 720			red 8y:	KA	1		h	1/20	Phone Res Fiex Resul REMARKS	lt:	OY		□ No		Phone Fax#					
Relinquished B		Red	ceiv	red By:	4	C				Please e	mail -	nae i ik	te to	nm 🙉	atache	nv ~~	n				
	: (Circle One) - Bus - Other:	44	0	Sample	1		CH	HECK	ED BY:	i icase d	TITCHE F	cauli		ALI (U.)	30016	17.00	•1.	-			

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 19 of 19

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solu		, Inc	2.			T		A	3/L	L TO						ANA	LYS	IS R	EQU	EST	_		
Project Manager:	Lane Crenshaw						P	0. #										T	T	T	T			
Address: P.O.							C	omp	iny:	m	Wary	n												
City: Lovington	State: NM	Zip:	88	260			A	tn:	5	04	- Bras	n	-											
Phone #: (575)	396-2378 Fax #: (575) 3	96-1	429				A	ddre	IS:	Vo.	of Bu	n Bha												
Project #: 18 Z	28 Project Owner	·M	el	bour	~		c	ity:	Ho	6	5													
Project Name:	Chile Veral & 23/24 tex	Cour	7 7	116							Zip 8824	40		NS.	5									
Project Location:	Beral Carlsha							rone					Prid	304	80			11						
Sampler Name:	Chile Verde & 23/24 text Rural Carls bad Dom: 1:1 Casa(1)						-	x #:					Chloride	<b>TPH (8015M)</b>	BTEX (8021B)	1								
FOR LAB USE ONLY	1,000				MATI	RIX		PR	SEF	RV.	SAMPLI	NG		1	18									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL		SCUDGE OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	164 1											
	54/38	C	i		1				1		710		7	1	1		N	0	Sa	un	se			
12	SW 39	1	1						1	1	1		i	1	1					1		7.	٥,	,
13	5W39 EW9									1												7	1201	23
14	EW 10 EW 11											- 1											,	
15		11,	Ц		6				1				Ц,	1										
16	WW7	A.	J		4	+	+		Ψ	1	w		V	*	8	_		-	+	+	-			_
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analyses. All claims including	Damages, Cardinat's liability and client's exclusive remedy for a those for negligance and any other cause whatsoever shall be	downed	d walk	ed urdees o	made in v	writing	and rec	nived by	Cardi	red will	hin 30 days afte	r completion of th	no applica	ble										
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FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



July 28, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/21/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Applymed By MC

Sampling Date: 07/21/2023

Reported:

07/21/2023 07/28/2023

ma/ka

Sampling Type: Soil

Project Name:

Received:

DTEV 0021D

CHILI VERDE 23/24 FED COM 716 H

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

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 38 (H233838-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/26/2023	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	07/26/2023	ND	188	93.8	200	22.3	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	196	97.8	200	0.534	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/21/2023 Sampling Date: 07/21/2023

Reported: 07/28/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 8 (H233838-02)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/26/2023	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	07/26/2023	ND	160	80.1	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	163	81.4	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Analyzed By: MS

Received: 07/21/2023 Reported: 07/28/2023 Sampling Date: 07/21/2023
Sampling Type: Soil

Project Name:

BTEX 8021B

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: NW 41 (H233838-03)

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/26/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	160	80.1	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	163	81.4	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/21/2023 Sampling Date: 07/21/2023

Reported: 07/28/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: WW 9 (H233838-04)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/26/2023	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	07/26/2023	ND	160	80.1	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	163	81.4	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

07/21/2023 Reported: 07/28/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 07/21/2023

Sampling Type: Soil

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

#### Sample ID: NW 42 (H233838-05)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/26/2023	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	07/26/2023	ND	160	80.1	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	163	81.4	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/21/2023 Sampling Date: 07/21/2023

Reported: 07/28/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 10 (H233838-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2023	ND	2.06	103	2.00	2.15	
Toluene*	<0.050	0.050	07/28/2023	ND	1.98	98.9	2.00	5.25	
Ethylbenzene*	<0.050	0.050	07/28/2023	ND	2.04	102	2.00	4.97	
Total Xylenes*	<0.150	0.150	07/28/2023	ND	6.12	102	6.00	4.49	
Total BTEX	<0.300	0.300	07/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	160	80.1	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	163	81.4	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### **Notes and Definitions**

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393 Company Name: Etech Environmental & Safety S		BILL TO	ANALYSIS REQUEST
Project Manager: I and Crenche		P.O. #:	ALIACIOS REGIONAL
Address: P.O. Box 301		Company: M. M. I banker	
City: Lovington State: NM	Zip: 88260	Attn: Telf Brown	
Phone #: (575) 396-2378 Fax #: (57	5) 396-1429	Company: May boulv  Attn: Telf Broom  Address: 480/ Bu p Blv  City: Hob 56 Nm  State: 1/m Zip: 44248	
Project #: 19729 Project Ou	mer. Mewbourn	City Hobbs Nm	
Project Name: Chile Velde 73/24 C	71 Com 216 H	State: 1/m Zip: 44240	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
Project #: 18729 Project On Project Name: Ch. Le Vei de 23/24 6 Project Location: Ruf od Cos S baz Sampler Name: Down A74 ( 46/2 6	N/Mm	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Dow. ATC ( . 46/4)	4	Fax #:	H   H   H   H   H   H   H   H   H   H
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLING	
Lab I.D. Sample I.D.	INERS WATER	ACID/BASE: OTHER: OTHER	
7C 16W38	$C \cup A$	17-21	
2 WV 8			1 1 1
3 NW41			
41 6/2			
5 NWUZ			
9 WWID	8 1 2	4 4	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's auctualve remed analyses. All clears, including those for negligance and any other cause whatmouver sh service. In no event shall Cardinal be liable for incidental or consequents damages, in affiliates or excossoors arising out of or releted to the performance of services hereund.	all be deemed waived unless made in writing ducting without limitation, business interruption	and received by Cardinal within 30 days after completion of the included by Cardinal within 50 days after completion of the included by client, its substitute.	he applicable
Relinquished By:  Date: Time: Date: Time: Time:	Received By:	Phone Re Fax Resul REMARKS	suit:    Yes   No   Add'l Phone #:  t:   Yes   No   Add'l Fax #:  S:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.3 2	#140 Sample Cond	CHECKED BY:	mail results to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



July 31, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/25/23 16:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 07/25/2023 Reported: 07/31/2023 Sampling Date: 07/25/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Type: Soil

Project Number: 18228 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 11 (H233883-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: WW 12 (H233883-02)

RTFY 8021R

B1EX 8021B	mg	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 13 (H233883-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	< 0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	102 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	6 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 14 (H233883-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: NW 43 (H233883-05)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 44 (H233883-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Sampling Date: 07/25/2023

Reported: 07/31/2023

Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Project Number: 18228

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

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

07/25/2023

#### Sample ID: NW 45 (H233883-07)

Received:

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.29	114	2.00	2.70	
Toluene*	<0.050	0.050	07/30/2023	ND	2.21	111	2.00	3.24	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.11	105	2.00	3.27	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.31	105	6.00	3.55	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

#### Sample ID: SW 40 (H233883-08)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.30	115	2.00	0.443	
Toluene*	<0.050	0.050	07/30/2023	ND	2.22	111	2.00	0.0782	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.12	106	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.34	106	6.00	0.289	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 41 (H233883-09)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.30	115	2.00	0.443	
Toluene*	<0.050	0.050	07/30/2023	ND	2.22	111	2.00	0.0782	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.12	106	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.34	106	6.00	0.289	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/25/2023 Sampling Date: 07/25/2023

Reported: 07/31/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

ma/ka

#### Sample ID: SW 42 (H233883-10)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2023	ND	2.30	115	2.00	0.443	
Toluene*	<0.050	0.050	07/30/2023	ND	2.22	111	2.00	0.0782	
Ethylbenzene*	<0.050	0.050	07/30/2023	ND	2.12	106	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/30/2023	ND	6.34	106	6.00	0.289	
Total BTEX	<0.300	0.300	07/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/28/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2023	ND	192	96.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	07/28/2023	ND	205	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 8824

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

State: NM Zip: 88260  Ath:: Text Brown  Atheres: (575) 396-2376  Fax 8: (575) 396-1429  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  City: Hob bs  State: NM Zip: 88260  Ath:: Text Brown  Address: (80 Bry Rive  Fax 8:  F	Company Name	Etech Environmental & Safety Solut	ions	, In	C.			T			E	3/1	L TO						-	NA	LYS	IS F	REC	UES	T			
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Lab I.D.  Sample I.D.  By Hard No. 1 and 1	Sampler Name:	Dominic Cassin	2						Fax	d:					등	H	Ž											
Lab I.D.  Sample I.D.  By Hold Double I.D.  Date:  Time:  Belinquished By:  Date:  Time:  Delivered By: (Circle One)  By Hold Double I.D.  By Hold I.D.  By	FOR LAB USE ONLY			Γ		MA	TRD	(		PRE	SER	٧.	SAMPL	ING		F	2											
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EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the adject. All clears including those for medigence and any other cause wholeover shall be desired waived unless made in writing and received by Cardinal within 30 days after completion of the applicable note. In no event shall Cardinal be liable for incidental or corresquental damages, including without installants, business interruptions, loss of use, or loss of professional values of any client, its subsidiaries, interest by client, its subsidiaries, interest by client, its subsidiaries, interest or corresquental damages, including without installant is based upon any of the above stated reasons or otherwise.    Phone Result:	8		H	H	H	+	-	+	-	-	1	+	+	-	H	+	H	+	-		-	+	+	-		-	-	-
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Date: 7.25 Time:  Date: Time:  Delivered By: (Circle One)  Date: 7.25 Received By:  Phone Result:	service. In no event shall Ca	ardinal be liable for incidental or consequental damages, including	witho	ut filmli	milen, bu	olnous k	nterrupi	lions, for	an of	use, or	form o	of profi	its incurred by	client, its subsidiu	ries,													
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FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

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



October 07, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: APOLLO CHILI VERDE WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/28/23 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited certif.html.

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

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

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

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

LAND Project Number: 18228

Project: APOLLO CHILI VERDE WATER TRA Number: 18228 Reported: 07-Oct-24 08:24

Project Manager: LANCE CRENSHAW

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW 43	H233978-01	Soil	27-Jul-23 00:00	28-Jul-23 10:40
SW 44	H233978-02	Soil	27-Jul-23 00:00	28-Jul-23 10:40
SW 45	H233978-03	Soil	27-Jul-23 00:00	28-Jul-23 10:40
SW 46	H233978-04	Soil	27-Jul-23 00:00	28-Jul-23 10:40
SW 47	H233978-05	Soil	27-Jul-23 00:00	28-Jul-23 10:40
SW 48	H233978-06	Soil	27-Jul-23 00:00	28-Jul-23 10:40
WW 15	H233978-07	Soil	27-Jul-23 00:00	28-Jul-23 10:40
EW 12	H233978-08	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 46	H233978-09	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 47	H233978-10	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 48	H233978-11	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 49	H233978-12	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 50	H233978-13	Soil	27-Jul-23 00:00	28-Jul-23 10:40
NW 51	H233978-14	Soil	27-Jul-23 00:00	28-Jul-23 10:40

10/07/24 - Client changed the sample ID on -06 and -07 (see COC). This is the revised report and will replace the one sent on 08/07/23.

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keine



#### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### SW 43 H233978-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3080352	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	(ID)		97.2 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			88.6 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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Celeg D. Keine



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

SW 44 H233978-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3080352	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		97.9 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			90.4 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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Celey D. Keine



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### SW 45 H233978-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	3080352	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.5 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.7 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### SW 46 H233978-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	3080352	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.6 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			107 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### SW 47 H233978-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			90.6 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### SW 48 H233978-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080239	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		97.7 %	71.5	-134	3080239	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.2 %	48.2	-134	3080206	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080206	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### WW 15 H233978-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		113 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			98.3 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

EW 12 H233978-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1060		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		114 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### NW 46 H233978-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		112 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			89.5 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### **NW 47** H233978-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		112 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			59.9 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			67.9 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### NW 48 H233978-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		113 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### NW 49 H233978-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		113 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### NW 50 H233978-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		114 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Eav To

Reported: 07-Oct-24 08:24

Fax To:

#### NW 51 H233978-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080310	AC	03-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080240	JH/	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		113 %	71.5	-134	3080240	JH/	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			94.1 %	48.2	-134	3080208	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3080208	MS	03-Aug-23	8015B	

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#### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### **Inorganic Compounds - Quality Control**

#### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080310 - 1:4 DI Water										
Blank (3080310-BLK1)				Prepared &	Analyzed:	03-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080310-BS1)				Prepared &	Analyzed:	03-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3080310-BSD1)				Prepared &	Analyzed:	03-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 3080352 - 1:4 DI Water										
Blank (3080352-BLK1)				Prepared &	Analyzed:	03-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080352-BS1)				Prepared &	Analyzed:	03-Aug-23				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (3080352-BSD1)				Prepared &	z Analyzed:	03-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

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%REC

#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Source

Project Number: 18228

. 10220

Project Manager: LANCE CRENSHAW

Spike

Fax To:

Reported: 07-Oct-24 08:24

RPD

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080239 - Volatiles										
Blank (3080239-BLK1)				Prepared: (	)2-Aug-23 /	Analyzed: (	04-Aug-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.5	71.5-134			
LCS (3080239-BS1)				Prepared: (	)2-Aug-23 A	Analyzed: (	04-Aug-23			
Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.10	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.7	85.9-128			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89-129			
o-Xylene	1.97	0.050	mg/kg	2.00		98.4	86.1-125			
Total Xylenes	5.97	0.150	mg/kg	6.00		99.6	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.1	71.5-134			
LCS Dup (3080239-BSD1)				Prepared: (	)2-Aug-23 A	Analyzed: (	04-Aug-23			
Benzene	2.19	0.050	mg/kg	2.00		109	82.8-130	1.35	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	0.979	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	1.33	16	
m,p-Xylene	4.10	0.100	mg/kg	4.00		103	89-129	2.36	16.2	
o-Xylene	1.99	0.050	mg/kg	2.00		99.4	86.1-125	0.952	16.7	
Total Xylenes	6.09	0.150	mg/kg	6.00		101	88.2-128	1.90	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0468		mg/kg	0.0500		93.6	71.5-134			
Batch 3080240 - Volatiles										
Blank (3080240-BLK1)				Prepared: (	)2-Aug-23 A	Analyzed: (	04-Aug-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							

#### Cardinal Laboratories

Ethylbenzene

Total Xylenes

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mg/kg

mg/kg

ND

ND

0.050

0.150

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Project Number: 18228

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 07-Oct-24 08:24

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080240 - Volatiles										
Blank (3080240-BLK1)				Prepared: 0	2-Aug-23	Analyzed: (	)4-Aug-23			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0572		mg/kg	0.0500		114	71.5-134			
LCS (3080240-BS1)				Prepared: 0	2-Aug-23	Analyzed: (	)4-Aug-23			
Benzene	2.00	0.050	mg/kg	2.00		99.9	82.8-130			
Toluene	1.92	0.050	mg/kg	2.00		95.9	86-128			
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	85.9-128			
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.0	89-129			
o-Xylene	1.89	0.050	mg/kg	2.00		94.6	86.1-125			
Total Xylenes	5.77	0.150	mg/kg	6.00		96.2	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	71.5-134			
LCS Dup (3080240-BSD1)				Prepared: 0	2-Aug-23	Analyzed: (	)4-Aug-23			
Benzene	1.99	0.050	mg/kg	2.00		99.5	82.8-130	0.342	15.8	
Toluene	1.88	0.050	mg/kg	2.00		94.2	86-128	1.79	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.4	85.9-128	0.526	16	
m,p-Xylene	3.86	0.100	mg/kg	4.00		96.5	89-129	0.478	16.2	
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	86.1-125	0.346	16.7	
Total Xylenes	5.76	0.150	mg/kg	6.00		96.0	88.2-128	0.207	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

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%REC

Limits

RPD

#### Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: APOLLO CHILI VERDE WATER TRA

Source

Result

%REC

110

126

48.2-134

49.1-148

Project Number: 18228

Project Manager: LANCE CRENSHAW

Spike

Level

Fax To:

Reported: 07-Oct-24 08:24

RPD

Limit

Notes

#### Petroleum Hydrocarbons by GC FID - Quality Control

#### **Cardinal Laboratories**

Units

Reporting

Limit

Result

ND

548

63.1

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Batch 3080206 - General Prep - Organics										
Blank (3080206-BLK1)				Prepared &	k Analyzed:	02-Aug-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.1		mg/kg	50.0		96.3	48.2-134			
Surrogate: 1-Chlorooctadecane	55.4		mg/kg	50.0		111	49.1-148			
LCS (3080206-BS1)				Prepared &	k Analyzed:	02-Aug-2	3			
GRO C6-C10	194	10.0	mg/kg	200		96.9	66.4-123			
DRO >C10-C28	203	10.0	mg/kg	200		101	66.5-118			
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	77.6-123			
Surrogate: 1-Chlorooctane	55.6		mg/kg	50.0		111	48.2-134			
Surrogate: 1-Chlorooctadecane	61.5		mg/kg	50.0		123	49.1-148			
LCS Dup (3080206-BSD1)				Prepared &	analyzed:	02-Aug-2	3			
GRO C6-C10	200	10.0	mg/kg	200		100	66.4-123	3.10	17.7	
DRO >C10-C28	202	10.0	mg/kg	200		101	66.5-118	0.602	21	
Total TPH C6-C28	402	10.0	mg/kg	400		100	77.6-123	1.22	18.5	
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	62.2		mg/kg	50.0		124	49.1-148			
Batch 3080208 - General Prep - Organics										
Blank (3080208-BLK1)				Prepared: (	)2-Aug-23 <i>A</i>	Analyzed:	03-Aug-23			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							

Cardinal Laboratories \*=Accredited Analyte

mg/kg

mg/kg

mg/kg

50.0

50.0

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%REC

#### **Analytical Results For:**

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: APOLLO CHILI VERDE WATER TRA

Source

Project Number: 18228

Project Manager: LANCE CRENSHAW

Spike

Fax To:

Reported: 07-Oct-24 08:24

RPD

#### Petroleum Hydrocarbons by GC FID - Quality Control

#### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080208 - General Prep - Organics										
LCS (3080208-BS1)				Prepared: (	)2-Aug-23 A	Analyzed: (	)3-Aug-23			
GRO C6-C10	194	10.0	mg/kg	200		97.1	66.4-123			
DRO >C10-C28	224	10.0	mg/kg	200		112	66.5-118			
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123			
Surrogate: 1-Chlorooctane	64.2		mg/kg	50.0		128	48.2-134			
Surrogate: 1-Chlorooctadecane	71.3		mg/kg	50.0		143	49.1-148			
LCS Dup (3080208-BSD1)				Prepared: (	)2-Aug-23 A	Analyzed: (	)3-Aug-23			
GRO C6-C10	197	10.0	mg/kg	200		98.3	66.4-123	1.20	17.7	
DRO >C10-C28	223	10.0	mg/kg	200		111	66.5-118	0.693	21	
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123	0.192	18.5	
Surrogate: 1-Chlorooctane	60.9		mg/kg	50.0		122	48.2-134			
Surrogate: 1-Chlorooctadecane	70.5		mg/kg	50.0		141	49.1-148			

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

Released to Imaging: 8/4/2025 11:17:27 AM

# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Mewbourne Oil Company		WATRIX			Ř	2		BIL	LTO		1				ANAI	LYSIS	REC	QUEST			
Project Manager	r: Lance Crenshaw						P.O.	#:	#	Asan B												
Address: 261	7 W Marland Blvd						Con	npany	: 1	Etech Environme	ental											
City: Hobbs	State: NM	Zip		38240			Attn	: Lar	nce C	renshaw		- 4										
Phone #: 575	-396-2378 Fax #: 575-396-14	429					Add	ress:	2617	7 W Marland	Blvd					1						
Project #: 182		Me	wbou	rne Oil	Comp	pany	City	: Ho	bbs			. 1	9 1									
	Apollo Chile Verde Water Transfer Line						Stat	te: NN	4	Zip: 88240		'						1				
	: UL/ J Sec 15 T21S - R27E						Pho	ne #:	575-	-396-2378												
Sampler Name:	Dominic Casa	irez					-	#: 575			THE STATE OF											
FOR LAB USE ONLY	^		П		MATR	IX		PRESE	RV.	SAMPLIN	NG											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021	1							
	SW 43	C	1		X			X	1	7/27/23		Х	X	Х				-			_	$\perp$
2	SW 44	С	1		X		Ш	X		7/27/23		Х	X	Х		-	-	-			_	_
3	SW 45	С	1		X			X		7/27/23		Х	Х	Х	0			1			_	_
9	SW 46	C	1		Х			X		7/27/23		Х	X	X			_		$\perp$	$\vdash$	_	
5	SW 47	C	1		X			X		7/27/23		Х	X	X	-						_	_
10	sw58, 48 *	C	1		Х	A		X		7/27/23	Å	IX	X	X								_
7	WW 76. 15 X	C	1		Х			X		7/27/23		Х	Х	X								
8	EW 12	C	1		Χ			X		7/27/23		Х	Х	Х								_
9	NW 46	С	1		Х			X		7/27/23		X	Х	X								
10	NW 47	C	1		Х			X		7/27/23		Х	X	X								

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Date: 28 Recei	ived By:		I florid freeding	Add'l Phone #: Add'l Fax #:
Date: Recei	lu Coste	108	REMARKS: Email results to	PM PL+4Chenu.com
Time:		18		teed ID changes.
#140 -0.9c	Sample Condition Cool Intact Yes Yes	CHECKED BY:	0	90.10/4/24
	Date: Rece	Date: Received By:  Time:  #/40 Sample Condition Cool_Intage(	Date: Received By:  Time:  #/40 Sample Condition CHECKED BY:  (Initials)  Cyes Yes	Date: Received By:  Time:    Fax Result:   Yes   No     REMARKS: Email results to     Received By:     Time:   X Cust. Suggested     Time:   Yes   Yes

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 7/23/2025 7:54:19 AM

# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Mewbourne Oil Company						- 8		В	IL	L TO					Α	NAL	YSIS	REC	QUEST			_
	: Lance Crenshaw						P	.0.	#: #	#		1	J .	011									
	7 W Marland Blvd						c	om	pany:	Ete	lech Environme	ntal											
City: Hobbs	State: NM	Zip	):	8824	0		A	ttn:	Lance	e Cre	enshaw						- 1						
hone #: 575		429					4	Addr	ress: 2	617	W Marland	Blvd											
roject #: 182			ewbo	ourne C	Oil Cor	mpan	ny C	city:	Hobb	bs													
	Apollo Chile Verde Water Transfer Line						s	State	e: NM	Z	ip: 88240			3.1									
	: UL/ J Sec 15 T21S - R27E						F	hor	ne #: 5	75-3	396-2378	2011		2 1									
Sampler Name:		Mewbourne Oil Company ne	F	ax	#: 575-3	396-1		- F.O.															
FOR LAB USE ONLY		Τ.	Т		MAT	TRIX		P	RESER	V.	SAMPLIN	IG				X .				1 1			
<b>Lab I.D.</b>	Sample I.D.	S.	N N	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COOL	отнек:	DATE	TIME	Chloride	ТРН	BTEX 8021								
11	NW 48	С	1		X				X		7/27/23		X	X	X					1	-	-	-
12	NW 49	C	1		X		1		X		7/27/23		Х	X	Х				-	$\vdash$	-	-	+
13	NW 50	С	1		_		4	1	X	-	7/27/23		X	X	X	-		_		+	-	+	$\dashv$
14	NW 51	С	1		X			1	X	-	7/27/23		X	X	X			-	-	+	-	+	$\dashv$
		1	1		+			1	++	-			$\vdash$		-	+ +			-	+	-	+	1
		+	+	$\vdash$	+			+	-	+		Ty	,			1			1				+
		+	+		+			+	++	+			-										
		+	+	+	+		H	+		1			$\vdash$										
		+	+		+			1	-	+			$\vdash$			1							

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Relinquished By:	Date:7/28	Received By:		Phone Result: Fax Result:	☐ Yes	□ No	Add'l Phone #: Add'l Fax #:
Tamarah Kendric	Time:	Dhay Cisne	100	REMARKS:	Email re	sults to	lance@etechenv.com
Relinquished By:	Date:	Received By:	W 6	, ,			PM Detechenu. com
	Time:	1110		1			
Delivered By: (Circle One)	^	Sample Condition	CHECKED BY: (Initials)				
Sampler - UPS - Bus - Other:	- 0	7C Vest Yes No No	D				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0



August 07, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 07/28/23 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 07/28/2023 Sampling Date: 07/28/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: Jodi Henson 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: SW 49 (H234007-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Received: 07/28/2023 Reported: 08/07/2023

08/07/2023 Sampling T CHILI VERDE 23/24 FED COM 716 H Sampling C

Project Name: CHILI 'Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sampling Date: 07/28/2023

Sampling Type: Soil

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

#### Sample ID: SW 50 (H234007-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	< 0.050	0.050	08/05/2023	ND	2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	ride, 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	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/28/2023 Sampling Date: 07/28/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Jodi Henson

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: NW 52 (H234007-03)

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	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	< 0.050	0.050	08/05/2023	ND	2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	ride, SM4500Cl-B mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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Celeg D. Keens

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Received: 07/28/2023 Reported: 08/07/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 07/28/2023

Sampling Type: Soil

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

#### Sample ID: EW 14 (H234007-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	<0.050 0.050		08/05/2023 ND		2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keine



Sample Received By:

07/28/2023

Jodi Henson

#### Analytical Results For:

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

Fax To:

Received: 07/28/2023 Sampling Date:

Reported: 08/07/2023 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sample ID: EW 13 (H234007-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	<0.050	0.050	08/05/2023 ND		2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH

Tux

Sampling Date:

07/28/2023

Reported:

Received:

BTEX 8021B

07/28/2023 08/07/2023

Sampling Type:

Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

18228

Sample Received By:

Jodi Henson

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 16 (H234007-06)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	SM4500Cl-B mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/28/2023 Sampling Date: 07/28/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Jodi Henson

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: WW 17 (H234007-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.13	107	2.00	11.5	
Toluene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	9.37	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.23	111	2.00	9.66	
Total Xylenes*	<0.150	0.150	08/05/2023 ND		6.75	113	6.00	9.01	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## ARDINAL LABORATORIES

WIIITIE EN	DOINTIONED
101 East Maria	nd, Hobbs, NM 88240
(575) 393-232	6 FAX (575) 393-2476

Company Name	: Etech Environmental & Safety Solu	tions	, In	C.			8	HL	L TO					ANALYSIS REQUEST
Project Manage	r: Lanc Crensher				P.	O. #.						R		
Address: 261	7 West Marland				C	ompa	any /	Me	bour.	h	1			
City: Hobbs	State: NM	Zip	: 88	240					Broom		1			
Phone #: (57	5) 264-9884 Fax #:									PBN3				
Project #: 182	Project Owne	r: W	141	Louis	C	ity:	166	64	(	<i>p D</i>				
Project Name:	Chile Verde 23/24 fed (				6	hata:	MIN	17	(ip: 8 9	241		E	B	
Project Location				110 1.	101	hone	4.		.тр. о		Chloride	<b>IPH (8015M)</b>	BTEX (8021B)	
Sampler Name:	Tivral corising	-	-		1		**	-		-	운	8	×	
FOR LAB USE ONLY	Lon, all Cushvel	-		MATRIX	ra	PRE	SER	vI	SAMPLI	NG	0	흔	E	
		₽.			T			1	Orani Li		1		1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER :	ACID/BASE:	ICE / COOL	SINEK:	DATE	TIME	A			
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23	NW52	1)	1		T		1	1					1	
4	EW 14	11			1		1	T	1		11		1	
5	EW13	11	1				1				1	1		
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7	WW17	V	V	V			A	T	V		4	V	A	
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analyses. All claims include service. In no event shall C	Id Damages. Cardinal's liability and client's exclusive remedy for a ng those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, including	deeme	i waiw t ilmits	ed unless made in writing ar ation, business interruptions,	loss o	eived by of use, or	Cardina loss of	if within	in 30 days after a incurred by d	completion of the	in applica	pilo (		
Relinquished B	2001 A Time: 45	Re	geiv	ted By:	U	00,	M.	the at	bove stated re-	Phone Re Fax Resul REMARKS	sult: lt:	☐ Ye		No Add'l Phone #: No Add'l Fax #:
Relinquished By	Times	litte	ceiv	ved By:	io.		NEC	VE	n DV-	Please e	1	ору о	of CO	C and results to pm@etechenv.com.
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FORM-006 Revision 1.0



August 07, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: TT 1 @ 4 (H234065-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9300	16.0	08/07/2023	ND	416	104	400	3.77	
Sample ID: TT 1 @ 6 (H2	234065-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7460	16.0	08/07/2023	ND	416	104	400	3.77	
Sample ID: TT 1 @ 8 (H2	234065-03)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	08/07/2023	ND	416	104	400	3.77	
Sample ID: TT 1 @ 10 (H	1234065-04)								
•	1234065-04) mg	/kg	Analyze	d By: AC					
Sample ID: TT 1 @ 10 (F	-	/kg  Reporting Limit	<b>Analyze</b> Analyzed	d By: AC  Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023 Sampling Type: Soil

Reported: Project Name: 08/07/2023 CHILI VERDE 23/24 FED COM 716 H

Sampling Condition:

18228

Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: TT 2 @ 4 (H234065-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11700	16.0	08/07/2023 ND		432	108	400	0.00	QM-07
Sample ID: TT 2 @ 6 (H2	234065-06)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 2 @ 8 (HZ	234065-07) mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
•		, ,	ŕ			,	-		Qualifier
Chloride	1660	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 2 @ 10 (F	1234065-08)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 3 @ 4 (H2	234065-09)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	08/07/2023	ND	432	108	400	0.00	

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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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: TT 3 @ 6 (H234065-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 3 @ 8 (H2	234065-11)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 3 @ 10 (H	1234065-12)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 3 @ 12 (H	1234065-13)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/07/2023	ND	432	108	400	0.00	
Sample ID: TT 4 @ 4 (H2	234065-14)								
Chloride, SM4500Cl-B	-	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	ND	432	108	400	0.00	

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Celey D. Keene



#### **Notes and Definitions**

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celey D. Keene

Released to Imaging: 8/4/2025 11:17:27 AM

RDINAL LABORATORIES

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

CHAIN-OF-CUSTODY	AND ANALY	SIS REQUEST

Project Manager: Law Crowshaw Address: 2617 West Marland Clifty: Hobbs State: NM Zip: 88240 Attr. Telf Braw M Address: 4(fr) Bray M	Company Name: Etech Environmental & Safety Solutions, Inc.	3/440	ANALYSIS REQUEST
Address: 2817 West Mariand  City: Hobbs  State: NM ZIp: 88240  Attn: Deff Bray M  Address: 411 Bs p DHA  City: Hobbs  Project Mame: Cylle Veriel 73/24 fee Com 716 H  State: NM ZIp: 88240  Project Name: Cylle Veriel 73/24 fee Com 716 H  State: MM ZIp: 88240  Project Name: Cylle Veriel 73/24 fee Com 716 H  State: MM ZIp: 88240  Project Location: Author State State: MM Zip: 88240  Project Location: Author State State: MM Zip: 88240  Project Name: Cylle Veriel 73/24 fee Com 716 H  State: MM Zip: 88240  Project Name: Project State: Project State: Project State: Project State: MM Zip: 88240  Project State	Project Manager: Law Crench aw		
City: Hobbs  State: NM Zip: 88240  Attn: Teff Brive Address: 4ft Bright Bright City: Hobbs  Project Name: City: Le Ver Le 23/24 fee Core 716 H State: Mm Zip: 85240  Project Name: City: Le Ver Le 23/24 fee Core 716 H State: Mm Zip: 85240  Project Name: City: Le Ver Le 23/24 fee Core 716 H State: Mm Zip: 85240  Project Name: Marint Bright Brigh		Company Mey bour 4	
Proced to Cardon:  Sample I.D.	City: Hobbs State: NM Zip: 88240	Attn: Deff Brown	
Proced to Cardon:  Sample I.D.	Phone #: (575) 264-9884	Address: 4801 Baco Blvd	
Proced to Cardon:  Sample I.D.	Project #: 18219 Project Owner: WAN/YOU	Ird City: Habba	
Project Location:  Sampler Name:  OWING CAS GRAD   Phone #:  FOR LAS USE ONLY  Lab I.D.  Sample	Project Name: (h'le Voshe 73/24 fed Com 716	H State: N/M Zip: 95240	9 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Lab I.D.  Sample I.D.  By By By Do By By By Do By	Project Location: Qual Charle Man	Phone #:	301, 802
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Lab I.D.  Sample I			
TI LO LO TI LO TI LO	Lab I.D. Sample I.D.	SOIL SLUDGE SLUDGE OTHER: ACID/BASE: OTHER: OTHER:	
#EASE HOTE: Linking and Damages. Curdinal's liability and client's exclusive remody for any claim arising whether based in contract or bot, shall be finished to the amount paid by the client for the analyses. At claims including those for indigence and any other cause whatboover shall be downed wasked unless made in writing and received by Curdinal which Did keys efter completion of the applicable service, in no evertable for indigence and any other cause whatboover shall be downed wasked unless made in writing and received by Curdinal whith Did days efter completions of the applicable service, in no evertable for indigence and any other cause whatboover shall be downed wasked unless made in writing and received by Curdinal whith Did days efter completions of the applicable service, in no evertable for indigence and any other cause whatboover shall be downed as in writing and received by Curdinal whith Did days efter completions of the applicable service, in no evertable for indigence and any other caused and whith Did days efter completions of the applicable service, in no evertable to the performance of evertable productions.  Relinquished By:  Date: Received By:  Time:  Phone Result: Yes No Add'! Phone #:  Remarks:  Please email copy of COC and results to pm@etechenv.com.	A STATE OF THE RESIDENCE OF THE PARTY OF THE		VIIIIIII
To be the state of the second and the second and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days affect completion of the applicable service. In one worth shall contraded to the performance of services because whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days affect completion of the applicable service. In one worth shall cardinal be table for incidental damages, including without institution. business interruptions, loss of use, or loss of profits incurated by client, is substitutions, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Performance   Yes   No   Add'l Phone #: Fax Result:   Yes   No   Add'l Phone #: Fax Result:   Yes   No   Add'l Fax #: REMARKS:   Please email copy of COC and results to pm@etechenv.com.	177166		
To be the state of the second and the second and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days affect completion of the applicable service. In one worth shall contraded to the performance of services because whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days affect completion of the applicable service. In one worth shall cardinal be table for incidental damages, including without institution. business interruptions, loss of use, or loss of profits incurated by client, is substitutions, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Performance   Yes   No   Add'l Phone #: Fax Result:   Yes   No   Add'l Phone #: Fax Result:   Yes   No   Add'l Fax #: REMARKS:   Please email copy of COC and results to pm@etechenv.com.	77168		
TIME INTELLIBITION AND ADDRESSED AND ADDRESS	7 7 1 8 10		
In analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:    Date:	5 TZ @ 4		
In analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:    Date:	4152 6 6		
In analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:    Date:	717208		
In analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:  Date:  Date:  Received By:  Time:  Phone Result:  Yes   No   Add'l Phone #:  Fax Result:  REMARKS:  Please email copy of COC and results to pm@etechenv.com.	172 @ 10		
In analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:    Date:	7 17304		
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidents, stated reasons or otherwise.    Relinquished By:	amages Cardinal's liability and client's exclusive remedy for any claim atising whether	r based in contract or tort, shall be limited to the amount paid by the client for the	
Affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Phone Result:   Yes   No   Add'l Phone #: Fax Result:   Yes   No   Add'l Fax #: REMARKS:   Phone Result:   Yes   No   Add'l Fax #: REMARKS:   Phone Result:   Yes   No   Add'l Fax #: REMARKS:   Phone Result:   Yes   No   Add'l Fax #: REMARKS:   Please email copy of COC and results to pm@etechenv.com.	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless	made in writing and received by Cardinal within 30 days after completion of the	applicable
Relinquished By:  Time:  Time:  Please email copy of COC and results to pm@etechenv.com.	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of w	hether such claim is based upon any of the above stated reasons or otherwise.	
Time:  Please email copy of COC and results to pm@etechenv.com.  Please email copy of COC and results to pm@etechenv.com.	Received by:	Fax Result:	
Time:  Please email copy of COC and results to pm@etechenv.com.  Please email copy of COC and results to pm@etechenv.com.	1 /m/12 Time; 1,40 //ll	WIND WELLEN REMARKS:	
Please email copy of COC and results to pm@etechenv.com.	Relinquished By: Date: Received By	<i>y</i> :	1
Delivered By: (Circle One) Sample Condition CHECKED BY:	Time:		1
Sampler - UPS - Bus - Other:  Cool Intact (Initials)  Yes Yes  No No	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	mple Condition CHECKED BY: ool Intact (Initials)	nail copy of COC and results to pm@etechenv.com.

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

# RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Sol	utions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Law Crenshaw		F) O. #:	
Address: 2617 West Marland		Company MeW bourn	
City: Hobbs State: NM	Zip: 88240	Attn: JAff Broom	
Phone #: (575) 264-9884 Fax #:		Attn: Jeff Brown Address: 4901 Bus pBlid	
Project #: 18228 Project Own	er. Mak hour n	City: 1-66136	
Project Name: Chile (1888 P 23/20)	Fed Com 716 H	State: NM Zip: 88 Z40	
Project #: 18228 Project Own Project Name: Chile Verd & 23/24 Project Location: Rural Carlo bad	100	Phone #:	rid   802   1015
Sampler Name: Dominil Crssr	12	Fax #:	Chloride TPH (8015M) BTEX (8021B)
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	OTHER: ACID/BASE: ICE / COOL & OTHER:	
DC //TT308	61	18-1	
12 T T3@10			
13 TT3@12			
14 TT4@4	VV	1	
		A	
		"	
EASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy fo	r any claim arising whether based in contract	or tort, shall be limited to the amount paid by the client (III)	UIS.
nalyses. All claims including those for negligence and any other cause whatsoever shall I rvice. In no event shall Cardinal be liable for incidental or consequental damages, includ	se deemed waived unless made in writing an	d received by Cardinal within 30 days after completion of III	w applicable
iliates or successors arising out of or related to the performance of services hereunder b			38.
0 112 8-1	An and a second	Fax Resul	t:  Yes  No Add'l Fax #:
about Time: 1640	Tallora	REMARKS	5:
Relinquished By: Date:	Received By:		
Time:		Please	mail copy of COC and results to pm@etechenv.com.
Delivered By: (Circle One)	H Sample Condit	ion   CHECKED BY:	mail copy of coo and results to pringetecheny.com.
Sampler - UPS - Bus - Other: 5.4c	Cool Intact  Ves Ye  No N	s (Initials)	



August 11, 2023

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 08/07/23 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND

HOBBS NM, 88240

Fax To:

 Received:
 08/07/2023
 Sampling Date:
 08/07/2023

 Reported:
 08/11/2023
 Sampling Type:
 Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: \*\* (See Notes)
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: EW 12 B (H234198-01)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/09/2023	ND	416	104	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keine



#### **Notes and Definitions**

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celey D. Keens

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Soluti		BILL TO		ANALYSIS REQUEST					
Project Manager: Lane Crenshay		P.O. #:							
Address: 2617 West Marland		Company Mew boor n							
City: Hobbs State: NM	<b>Zip</b> : 88240								
Phone #: (575) 264-9884 Fax #:		Attn: Jeff Broo Address: 4801 Busy City: 140665	BlVd						
Project #: / 8228 Project Owner	: Mewbourn	dity: Hobbs	1 1						
Project Name: Chile Verde 23zy fe	2 Com 716 H	State: NM Zip:892	116	BTEX (8021B)					
Project Location: Rupal Carlebad	- Co- 1 (1011	Phone #:	O Discord	3TEX (8021B)					
Project Location: Rural Carlstand Sampler Name: Dominic Casares		Fax #:	美						
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLI							
Lab I.D. Sample I.D.  #234/98  DEWIZ B	# CONTAINERS GROUNDWATER WASTEWATER SOIL SILUDGE	OTHER: ACID/BASE: ICE / COOL  L - L  ACID/BASE: ACID/BA	TIME						
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for an analyses. All claims including those for negligence and any other cause whattoever shall be derived. In no event shall Cardinal be liable for incidental or consequented damages. Including filiates or successors arising out of or related to the performance of services hereunder by Cardinal Selinquished By:  Date:  Time:  Delivered By: (Circle One)  Sampler - UPS - Bus - Other:	wellhout fireful wheel unless made in welling an willhout firefund house interruptions. ardinal, regardless of whether such claim Received By.  Received By:	d received by Cardinal within 30 days after loss of use, or loss of profile incurred by a is based upon any of the above stated residual to the control of t	reconstitution of the applications, the subsidiary, assens or otherwise.  Phone Result: Fax Result: REMARKS:	☐ Yes ☐ No Add'l Phone #: ☐ Yes ☐ No Add'l Fax #:  copy of COC and results to pm@etechenv.com.					



August 23, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Applyand By 1H /

Received: 08/17/2023 Reported: 08/23/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sampling Date: 08/17/2023

Sampling Type: Soil

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

#### Sample ID: FT 1 @ 4 (H234480-01)

DTEV 0021D

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	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	< 0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15400	16.0	08/22/2023	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	08/22/2023	ND	165	82.4	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	165	82.3	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keens



#### Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

#### Sample ID: FT 2 @ 4 (H234480-02)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/22/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	165	82.4	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	165	82.3	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	67.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.3	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

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

Analyzed By: JH/

Received: 08/17/2023 Reported: 08/23/2023 Sampling Date: 08/17/2023

Project Name:

08/23/2023 CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Type: Soil

Project Number:

BTEX 8021B

18228

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

Project Location:

MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 3 @ 4 (H234480-03)

	9/	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	08/22/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	165	82.4	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	165	82.3	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 08/17/2023 Reported:

Sampling Date: 08/17/2023 08/23/2023 Sampling Type: Soil

Project Name: Project Number:

CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

# Sample ID: FT 4 @ 4 (H234480-04)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	08/22/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	165	82.4	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	165	82.3	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

# Sample ID: FT 5 @ 4 (H234480-05)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	08/22/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

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

Analyzed By: JH/

Received: 08/17/2023 Reported: 08/23/2023

 08/17/2023
 Sampling Date:
 08/17/2023

 08/23/2023
 Sampling Type:
 Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228
Project Location: MEWBOURNE - RURAL CARLSBAD, NM

mg/kg

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

# Sample ID: FT 6 @ 4 (H234480-06)

BTEX 8021B

	9/	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/22/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 7 @ 4 (H234480-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	08/22/2023	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	08/21/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 8 @ 4 (H234480-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 9 @ 4 (H234480-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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# Analytical Results For:

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

Applyzod By: 1H /

Received: 08/17/2023 Reported: 08/23/2023 Sampling Date: 08/17/2023 Sampling Type: Soil

Project Name:

RTFY 8021R

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 10 @ 4 (H234480-10)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	08/22/2023	ND	400	100	400	7.69	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



# Analytical Results For:

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

Applyzod By: 1H /

Received: 08/17/2023 Reported: 08/23/2023

CHILI VERDE 23/24 FED COM 716 H

Project Name: CHILI Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sampling Date: 08/17/2023

Sampling Type: Soil

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

# Sample ID: FT 11 @ 4 (H234480-11)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28400	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	8						

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Celeg D. Keene



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 12 @ 4 (H234480-12)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	08/22/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/17/2023 Reported: 08/23/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM Sampling Date: 08/17/2023

Sampling Type: Soil

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

# Sample ID: FT 13 @ 4 (H234480-13)

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	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 14 @ 4 (H234480-14)

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	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38800	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 15 @ 4 (H234480-15)

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	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte			Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31600	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 16 @ 4 (H234480-16)

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	08/22/2023	ND	1.85	92.4	2.00	1.95	
Toluene*	<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte			Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44000	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 17 @ 4 (H234480-17)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/22/2023	ND	1.85	92.4	2.00	1.95	
<0.050	0.050	08/22/2023	ND	1.86	92.9	2.00	0.874	
<0.050	0.050	08/22/2023	ND	1.96	97.8	2.00	1.26	
<0.150	0.150	08/22/2023	ND	5.83	97.1	6.00	1.14	
<0.300	0.300	08/22/2023	ND					
113 9	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
37600	16.0	08/22/2023	ND	400	100	400	7.69	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
<10.0	10.0	08/22/2023	ND					
90.2	% 48.2-13	4						
100	% 49.1-14	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300  113 9  Result  37600  mg/  Result <10.0 <10.0  90.2	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 113 % 71.5-13 mg/kg Result Reporting Limit 37600 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 18 @ 4 (H234480-18)

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	08/22/2023	ND	1.94	96.8	2.00	0.974	QR-03
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49	QR-03
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89	QR-03
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	18						

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# Analytical Results For:

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

Fax To:

Received: 08/17/2023 Sampling Date: 08/17/2023

Reported: 08/23/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 19 @ 4 (H234480-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974	
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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# Analytical Results For:

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

Received: 08/17/2023 Reported: 08/23/2023 Sampling Date: 08/17/2023 Sampling Type: Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228 Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: FT 20 @ 4 (H234480-20)

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	08/22/2023	ND	1.94	96.8	2.00	0.974	
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89	
Total BTEX	<0.300	0.300	08/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte			Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2023	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	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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# **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.

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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# (E)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# ARDINAL LABORATORIES

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

Company Name	: Etech Environmenta	al & Safety Solution	ons,	Inc.						B	3fL	L TO			1			ANA	LYS	IS R	EQUE	ST		
Project Manage	r: Lant Crensh	aw							0. #:											T				
Address: 261	7 West Marland							Co	mpa	any /	Mer	אום סעי												
City: Hobbs		State: NM	Zip:	882	40							Brown												
Phone #: (575	5) 264-9884	Fax #:						Ad	dres	ss:				1	1									
Project #: 182	28	Project Owner:	M	ew 1	00 U	1		Ci	ty:	H	6	65		1	1									
Project Name:	Chile Verce 231	29 fed Com	7	18	Н			St	ate:						€ W	BTEX (8021B)								
Project Location		Ishan N	M						one					Chloride	TPH (8015M)	80%								
Sampler Name:	Deminic Case	rez						1	x #:				- 12	1 ह	H	E								
FOR LAB USE ONLY	THE STATE OF			T		MAT	RIX			SER	V.	SAMPLI	NG	1	1 6	B	1	1						
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Å										
00 1	F+ 1 @ 4		2	1		V				V	_	8-17		V	V	10	1							
2	F+ 2 @ 4		i	1		1				1	1	1		1	(	1								
3	FY 3 0 4														17									
4	F+4 @4																							
5	Ft5 @4		П	1		Ш								1	A									
4	F+6 04		П												1									
1	Ft 7 04		П	1					Ш			1			1	1								
8	F+ 8 6 4				1	1			Ш		_			11		1		-		1				
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Delivered By: Sampler - UPS	(Circle One) - Bus - Other:	4.82	¥1	40	Co	nple ( ol li Yes No	ntact		1		CKE nitial	D BY:	Please e	ernani	рору	of CO	c and	resul	ts to	pm@e	eteche	nv.con	1.	

FORM-006 Revision 1.0

Received by OCD: 7/23/2025 7:54:19 AM

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

POINAL LABORATORIES

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Company Name:	Etech Environmental & Safety Solu	tions	s, Inc	C.						Bf	LL	TO						ANA	LYS	SR	EQU	EST		
Project Manager:	Lane Crevisnaw							P.O.	#:		17									T		T		
Address: 2617 W								Com	pan	y MD	W	bolv	n											
City: Hobbs	State: NM	Zip	: 88	240								Bro												
Phone #: (575) 2	64-9884 Fax #:							Add			,	2.			4									
Project #: 1822		r: /	Lev	/bo	MA				-	obk	25	)												
Project Name: /	nile Verde 23/24 fo									VA			_		Σ	18				1				
Project Location:	2011 Carlsh	G.	0,00		0 1			Pho		_	Lip			Chloride	TPH (8015M)	(8021B)								
Sampler Name:	Poural Carlstad Dominic Casavet							Fax		•			Ter Copy	임	8	×		1						
FOR LAB USE ONLY	DOWNALL CASTVED	Т			M	ATRI	_	_		ERV.	-	SAMPL	NG	0	Ā	BTEX								
Lab I.D. HZ34480	Sample I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:		DATE	TIME							:				
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	mages. Cardinal's liability and client's exclusive remedy for one for negligence and any other cause whatsoever shall be at be flable for incidental or consequental damages, includit of or related to the performance of services hereunder by Date: 77  Time: 70  Date:	deemo g wilho Cardina	nd weiv ut firmit al, rega	ed unle ation, b	es made velnees of wheth	e in writ jurnetni	ing and stions, ic	receive es of us	d by Ca e, or lo	es of pro	olithin 3 oliths in	O days after curred by o	r completion of the	no applica ton, se. sult: t:	□ Ye		No No		Phone Fax #					
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August 28, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Received: 08/22/2023 Reported: 08/28/2023

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

Sampling Date: 08/22/2023

Sampling Type: Soil

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

# Sample ID: SP 1 @ 11.5 (H234565-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.65	
Toluene*	<0.050	0.050	08/25/2023	ND	1.88	94.2	2.00	0.877	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.3	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.83	97.1	6.00	0.914	
Total BTEX	<0.300	0.300	08/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/24/2023	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	08/23/2023	ND	147	73.7	200	2.66	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	163	81.5	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celeg & Keene



# Analytical Results For:

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

Received: 08/22/2023 Reported: 08/28/2023 Sampling Date: 08/22/2023 Sampling Type: Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact

Project Number: 18228 Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: SP 2 @ 9.5 (H234565-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.65	
Toluene*	<0.050	0.050	08/25/2023	ND	1.88	94.2	2.00	0.877	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.3	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.83	97.1	6.00	0.914	
Total BTEX	<0.300	0.300	08/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/24/2023	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	08/23/2023	ND	147	73.7	200	2.66	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	163	81.5	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

Etech Environmental & Safety Solutions

LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: EW 12 B (H234565-03)

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	08/24/2023	ND	432	108	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



# **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

<b>CHAIN-OF-CUSTODY</b>	AND ANAL	YSIS	REQUES	1
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Company Name: Etech Environmental & Safety Solutions, Inc.	3/16/76	ANALYSIS REQUEST
Project Manager: Lanc Crenshaw	P.O. #:	
Address: 2617 West Marland	Company Etech	
City: Hobbs State: NM Zip: 88240	Attn: Lane Crenshaw	
Phone #: (575) 264-9884 Fax #:	Address:	
Project #: 18 228 Project Owner: Mewbour n	city: Hobbs	
Project #: 18 228 Project Owner: Mewbourn Project Name: Chili Verde 23/24 Fed Com 716 H	State: NM Zip:	
Project Location: Rural Carlsbad	Phone #:	Chioride TPH (8015M) 3TEX (8021B)
Sampler Name: Dominil Casarez	Fax #:	Chic Chic
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	
Tap I.D. Sample I.D. # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: OTHER: OTHER: OTHER: OTHER:	
A A		
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether besed in coralyses. All claims including those for negligence and any other cause whateoever shall be deemed waived unless made in writing	ng and received by Cardinal within 30 days after completion of	the applic <sub>tion</sub>
envice. In no event shall Cardinal be fiable for incidental or consequental damages, including without limitation, business interrupt fiffiables or successors arising out of or related to the parformance of services heremonder by Cardinat, regardless of whether such or Reclinquished By:    Date:   Received By:	ions, loss of use, or loss of profits incurred by client, its subsid	infine, wide.   Sesult:
Delivered By: (Circle One)	CHECKED BY:	email copy of COC and results to pm@etechenv.com.
H/70 Casi/feta	(childs)	

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



September 05, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 08/30/23 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Fax To:

Received: 08/30/2023 Sampling Date: 08/30/2023

Reported: 09/05/2023 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - RURAL CARLSBAD, NM

# Sample ID: EW 12 C (H234728-01)

Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/31/2023	ND	416	104	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



# **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keens

Received by OCD:

Page 4 of 4



# CHAIN-OF-CUSTODY AND ANALYSIS REQL'EST

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

Company Name: (and Crenshav A	Etech	BILL TO	ANALYSIS REQUEST
Company Name: (and Crenshall (Project Manager: Land Crenshall (And	er: Mel Doury  Ged Com 716 H	P.O. #:  Company: May Down  Attn: Jeff Broom  Address:  City: Hobbs  State: MM Zip:  Phone #:	
Sampler Name: Jown L Cabo FOR LAB USE ONLY  Lab I.D. Sample I.D.  EW 12 C	XIALER TER	PRESERV. SAMPLING  I CA COOL  I C	Chlorids

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

Relinquished By:	ved By:	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:					
Relinquished By:	Date: Receiv	ved By:	REMARKS:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. ℃ 3.3℃ Corrected Temp. ℃ ¥140	Sample Condition? CHECKED BY: Cool Intact: (Initials) E Yes 10 Yes	Turnaround Time: Thermometer ID #140 Correction Factor 0°C	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C		



April 07, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/01/25 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FT 1 @ 5' (H251939-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.9	% 40.6-15	3						

# Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

# Sample ID: FT 1 @ 6' (H251939-02)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.3	% 40.6-15	3						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

# Sample ID: FT 3 @ 5' (H251939-03)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.3	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

# Sample ID: FT 3 @ 6' (H251939-04)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: 14

Received: 04/01/2025 Sampling Date: Reported: 04/07/2025 Sampling Type:

ma/ka

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

Sampling Date: 04/01/2025

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

Soil

#### Sample ID: FT 5 @ 5' (H251939-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.9	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FT 5 @ 6' (H251939-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.1	% 40.6-15.	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FT 6 @ 5' (H251939-07)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.9	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FT 6 @ 6' (H251939-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 7 @ 5' (H251939-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 7 @ 6' (H251939-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 10 @ 5' (H251939-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

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#### Analytical Results For:

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

Applyzod By: 14

Received: 04/01/2025

Sampling Date: 04/01/2025

Reported: 04/07/2025 Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Type: Soil

Project Number: 18228

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 10 @ 6' (H251939-12)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 11 @ 5' (H251939-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	83.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.1	% 40.6-15	3						

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#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 11 @ 6' (H251939-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.9	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 14 @ 5' (H251939-15)

BTEX 8021B

DILX GOZID	ıııg,	rkg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	90.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FT 14 @ 6' (H251939-16)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.4	% 40.6-15	3						

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#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 15 @ 5' (H251939-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300 0.300 uorobenzene (PID 118 % 71.5		04/03/2025	ND					
· · · · · · · · · · · · · · · · · · ·		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	94.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 15 @ 6' (H251939-18)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 16 @ 5' (H251939-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank		% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
nrrogate: 4-Bromofluorobenzene (PID 121 %		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	mg/kg  Result Reporting Limi		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	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	04/02/2025	ND	212	106	200	3.36	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	87.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.9	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 16 @ 6' (H251939-20)

RTFY 8021R

Result	Reporting Limit							
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
<0.300	0.300	04/03/2025	ND					
122	% 71.5-13	4						
mg,	'kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	04/02/2025	ND	432	108	400	3.77	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/02/2025	ND	212	106	200	3.36	
<10.0	10.0	04/02/2025	ND	203	102	200	3.22	
<10.0	10.0	04/02/2025	ND					
103	% 44.4-14	5						
102	% 40.6-15	3						
<0.050	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  122 % 71.5-13 mg/kg  Result Reporting Limit 64.0 16.0 mg/kg  Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 17 @ 5' (H251939-21)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID 124 %		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	202	101	200	4.24	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	94.9	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FT 17 @ 6' (H251939-22)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.95	97.5	2.00	9.28	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	6.21	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.29	114	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.96	116	6.00	5.37	
Total BTEX	<0.300	0.300	04/03/2025	ND					
'urrogate: 4-Bromofluorobenzene (PID 119 %		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	alyte Result Reporting L		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	202	101	200	4.24	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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#### **Notes and Definitions**

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene

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	Labo	rat	or	ies

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 8/4/2025 11:17:27 AM

Company Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solut		Inc.					R	ILL TO		1			ANALYSIS	DECLIEST	Page 1	013
Project Manage							P.C	D. #:	ILL 10					ANALTSIS	REQUEST		
Address: 261	7 West Marland							mpany:	Moud	oourne	1						
ity: Hobbs	State: NM	Zip		88240	)		Att	-	Connor Wa		1						
	5) 264-9884 Fax #:	-1		00240				dress:	CONTION VV	iker	1						
roject #: 182		r.	,	Mewboi	irna		Cit				1						
	Chili Verde 23-24 Fed Com 716H		-	VICWDO	arric		Sta		7in:		0	TPH (8015M)	(8021B)				
									Zip:		Chloride	016	902				
Sampler Name:	Ct Location:         32.477651, -104.167798           Soler Name:         Addison Elston           AB USE ONLY         M           Δ.         Σ           α         α						one #:			음	8	×					
FOR LAB USE ONLY	Addison Elston  AB USE ONLY  MA  AB USE ONLY			MATR	IX		PRESER\	/. SAM	PLING	1 2	표	ВТЕХ					
Lab I.D.	Sample I.D.	G 1 X		OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME										
1	FT 1 @ 5'	G	1		Х			X	4/1/25		Х	Х	Х				
200	FT 1 @ 6'	G	1		Х			X	4/1/25		Х	Х	х				
3	FT 3 @ 5'	G	1		Х			X	4/1/25		Х	Х	Х				
,	FT 3 @ 6'	G	1		Х			X	4/1/25		Х	Х	Х				
,5	FT 5 @ 5'	G	1		Х			X	4/1/25		Х	Х	Х				
	FT 5 @ 6'	G	1		Х			X	4/1/25		Х	Х	Х				
7	FT 6 @ 5'	G	1		Х			X	4/1/25		Х	Х	Х				
A	FT 6 @ 6'	G	1		Х			X	4/1/25		Х	Х	х				
1%	FT 7 @ 5'	G	1		Х			X	4/1/25		Х	X	X				
10	FT 7 @ 6'	G	1		X			X	4/1/25		X	Х	X				

Relinquished By:	Date: 1448	eceived By:		Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		eceived By:		REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Cool ilitact	CHECKED BY: (Initials)	Turnaround Time: Standard Mac Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Thermometer ID #140  Correction Factor #66°C **C **10.3**  To restrict the standard of the stan



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 3

age 26 of 27

	mpany Name: Etech Environmental & Safety Solutions, Inc.  pject Manager: Lance Crenshaw								BI	LL TO					ANALY	SIS R	REQUEST	
Project Manag	ess: 2617 West Marland						P.	0. #:										
Address: 26	S17 West Marland						C	ompai	ny:	Mewb	ourne	1						
City: Hobbs	State: NM	Zij	o:	8824	0		At	tn:		Connor Wa	lker	1						
Phone #: (5	75) 264-9884 Fax #:						A	ddress	s:			1						
Project #: 18	228 Project Owner	r:		Mewbo	ourne		Ci	ty:				1	_	<u></u>				
Project Name:	Chili Verde 23-24 Fed Com 716H							ate:		Zip:		0	TPH (8015M)	(8021B)				
Project Location	mpler Name: Addison Elston  OR LAB USE ONLY  MAT							none #				Chloride	20	80				
Sampler Name	mpler Name: Addison Elston  R LAB USE ONLY  MAT						Fa	x #:				Ĕ	=	×				
FOR LAB USE ONLY	State: NM   Zip:   88240					RIX		_	SERV.	SAME	PLING	0	F	ВТЕХ				1 1 1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
	FT 10 @ 5'	G	1		X				X	4/1/25		Х	Х	Х				
	FT 10 @ 6'	G	1		Х				X	4/1/25		Х	X	Х				
13	FT 11 @ 5'	G	1		X			)	X	4/1/25		Х	Х	х				
14	FT 11 @ 6'	G	1		X			)	X	4/1/25		X	Х	Х				
15	FT 14 @ 5'	G	1		X				ζ	4/1/25		Х	Х	х				
10	FT 14 @ 6'	G	1		X			)	(	4/1/25		Х	х	х				
17	FT 15 @ 5'	G	1		X				(	4/1/25		X	Х	х				
18	FT 15 @ 6'	G	1		X		T		(	4/1/25		x	Х	х				
19	FT 16 @ 5'	G	1		X				(	4/1/25		X	х	x				
20	Q FT 16 @ 5' G 1 X			-					4/1/25		Х	X	X					

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Relinquished By:	Date:	Received By:		Verbal Result: ☐ Ye All Results are emailed.	Please provi	de Ema	I Phone #: ail address: techenv.com
Xelinquished B4: Date:		Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time:  AT U1:35 Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 3 of 3

age 27 of 27

	Company Name: Etech Environmental & Safety Solutions, Inc.  Project Manager: Lance Crenshaw								E	<i>3/L</i>	LL TO					I	ANAL	YSIS	REC	QUES	Т	. ago c	٦à	
Project Manage	r: Lance Crenshaw							P.	O. #.	:														_
Address: 26	17 West Marland							C	ompa	any:		Mewb	ourne	]										
City: Hobbs	St	tate: NM Z	ip:	88	3240			At	tn:		7	Connor Wa	lker							1				
Phone #: (57	5) 264-9884 Fa	ax #:						Ad	ddres	ss:														
Project #: 182	228 Pr	roject Owner:		Me	wbo	ırne		Ci	ty:						=	<u>8</u>								
Project Name:	Chili Verde 23-24 Fed Com	716H						St	ate:		- 7	Zip:		ge	151	(8021B)								
Project Locatio	n: 32.477651, -104.16779	8						Pł	one	#:				ori.	80	8								
Sampler Name:	Addison Elston		_					Fa	x #:					Chloride	TPH (8015M)	ВТЕХ								
FOR LAB USE ONLY						MATR	XIX		PRI	ESER	₹V.	SAMP	LING	Ţ	1	B								
Lab I.D.	Sample I.D.		(G)KAB OK (C)OMP	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
ં ગ્રા	FT 17 @ 5'		G	1		Х				Х	Т	4/1/25		Х	Х	Х								
82	FT 17 @ 6'		G	1		Х				Х	1	4/1/25		Х	Х	Х								
			1	1			1				1													
			+	╀		+	+	+	Н	-	-						_							
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Relinquished By;	Date:	Received By:		Verbal Result:	res □ No	Add	I Phone #:		
Month	U-1-35 Time:	apaus		All Results are emailed. Please provide Email address:  pm@etechenv.com					
Relinquished By:	Date:	Received By:		REMARKS:					
	Time:								
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp, °C		
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes	AP	Thermometer ID #140 Correction Factor -0.6°C-	10.3.		☐ Yes ☐ Yes ☐ No ☐ Corrected Temp °C		



April 03, 2025

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 10:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 04/02/2025 Sai Reported: 04/03/2025 Sai

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

#### Sample ID: FL 1 @ 4' (H251945-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.7	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 2 @ 4' (H251945-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 3 @ 4' (H251945-03)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 4 @ 4' (H251945-04)

BTEX 8021B

DILX GOZID	mg/ kg		Alluly2cu by. 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.9	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 5 @ 4' (H251945-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.8	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 6 @ 4' (H251945-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 7 @ 4' (H251945-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 8 @ 4' (H251945-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	97.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.5	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 9 @ 5' (H251945-09)

BTEX 8021B

DILX GOZID	ilig/ kg		Analyzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	97.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.6	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 10 @ 5' (H251945-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	95.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.4	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 11 @ 4' (H251945-11)

RTFY 8021R

Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   RPD	BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 04/02/2025 ND 2.30 115 2.00 2.85  Total Xylenes* <0.150 0.150 04/02/2025 ND 7.06 118 6.00 2.24  Total BTEX <0.300 0.300 04/02/2025 ND 7.06 118 6.00 2.24  Surrogate: 4-Bromofluorobenzene (PID 121 % 71.5-134  Chloride, SM4500Cl-B mg/ky Analyzed By: KV  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 04/02/2025 ND 416 104 400 0.00  TPH 8015M mg/ky Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 04/02/2025 ND 197 98.7 200 2.98  DRO >C10-C28* <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73	Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Total Xylenes*         <0.150         0.150         04/02/2025         ND         7.06         118         6.00         2.24           Total BTEX         <0.300	Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Total BTEX         <0.300         0.300         04/02/2025         ND           Surrogate: 4-Bromofluorobenzene (PID         121 %         71.5-134           Chloride, SM4500CI-B         mg/ky         Analyzed By: KV           Analyte         Result         Reporting Limit         Analyzed Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         <16.0	Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Surrogate: 4-Bromofluorobenzene (PID         121 % 71.5-134           Chloride, SM4500Cl-B         mg/kg         Analyzed By: KV           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery         True Value QC RPD           Chloride         <16.0 16.0 04/02/2025 ND 416 104 400 0.00	Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Chloride, SM4500Cl-B         mg/kg         Analyzed By: KV           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD           Chloride         <16.0	Total BTEX	<0.300	0.300	04/02/2025	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride <16.0 16.0 04/02/2025 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  GRO C6-C10* <10.0 10.0 04/02/2025 ND 197 98.7 200 2.98  DRO >C10-C28* <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND  Surrogate: 1-Chlorooctane 97.9 % 44.4-145	Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride         <16.0         16.0         04/02/2025         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           GRO C6-C10*         <10.0	Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
TPH 8015M         mg/kg         Analyzed by: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 04/02/2025 ND 197 98.7 200 2.98  DRO >C10-C28* <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND  Surrogate: 1-Chlorooctane 97.9 % 44.4-145	Chloride	<16.0	16.0	04/02/2025	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 04/02/2025 ND 197 98.7 200 2.98  DRO >C10-C28* <10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND  Surrogate: 1-Chlorooctane 97.9 % 44.4-145	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* < 10.0 10.0 04/02/2025 ND 197 98.6 200 2.73  EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND  Surrogate: 1-Chlorooctane 97.9 % 44.4-145	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 04/02/2025 ND  Surrogate: 1-Chlorooctane 97.9 % 44.4-145	GRO C6-C10*	<10.0	10.0	04/02/2025	ND	197	98.7	200	2.98	
Surrogate: 1-Chlorooctane 97.9 % 44.4-145	DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
	EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctadecane 97.0 % 40.6-153	Surrogate: 1-Chlorooctane	97.9	% 44.4-14	25						
	Surrogate: 1-Chlorooctadecane	97.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 12 @ 4' (H251945-12)

RTFY 8021R

BIEX 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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	95.1 % 44.4-14.		15						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 13 @ 4' (H251945-13)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	97.6 % 44.4-14.		5						
Surrogate: 1-Chlorooctadecane	95.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 14 @ 4' (H251945-14)

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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 15 @ 4' (H251945-15)

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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 16 @ 4' (H251945-16)

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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2220	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	78.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 17 @ 4' (H251945-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	93.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.9	% 40.6-15	3						

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Celey D. Keine



Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 18 @ 4' (H251945-18)

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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 19 @ 4' (H251945-19)

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	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.2	% 40.6-15	3						

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Celey D. Keene



Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 20 @ 4' (H251945-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.85	92.7	2.00	5.30	
Toluene*	<0.050	0.050	04/02/2025	ND	1.98	99.0	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.85	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.06	118	6.00	2.24	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/02/2025	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	04/02/2025	ND	197	98.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	197	98.6	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.9	% 40.6-15	3						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

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:19 AM

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1	of 2
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Company Name	(575) 393-2326 FAX (575) 393-2 Etech Environmental & Safety Solu		Inc.			-	80		P	LL TO		1			4.57.5	1/01-			Page 1	of 2
Project Manage							P	0. #:	DI	LL 10		-			ANA	LYSIS	REQU	EST		
Address: 26	17 West Marland						Н	mpar	ıv.	SEE DE	EMARKS	1								
City: Hobbs		Zir	):	88240	)		Att	-	y.	SEE KE	EMARKS	1								
	5) 264-9884 Fax #:		-	30270			1	dress				1								
Project #: 182	,	r		Mewbo	urne		Cit					1		_						
	Chili Verde 23-24 Fed Com 716H				anne.			ate:		Zip:		0	) S	(8021B)						
Project Locatio								one #		Zip.		Chloride	TPH (8015M)	302						
Sampler Name:	Aaron Rios							v#:				1 을	8	×						
FOR LAB USE ONLY		Т	Т		MATR	IX		PRES	ERV.	SAME	PLING	12	H	втех						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
1	FL 1 @ 4'	С	1		Х			)		4/2/25		х	х	Х					+ +	-
9	FL 2 @ 4'	С	1		X			X		4/2/25		х	х	x						
	FL 3 @ 4'	С	1		Х			Х		4/2/25		Х	Х	х						
	FL 4 @ 4'	С	1		Х			X		4/2/25		Х	Х	х						
1	FL 5 @ 4'	С	1		Х			х		4/2/25		Х	Х	X	1 3 - 7					
U	FL 6 @ 4'	С	1		X			X		4/2/25		х	Х	X						
	FL 7 @ 4'	С	1		X			Х		4/2/25		Х	Х	X						
	FL 8 @ 4'	С	1		Х			Х		4/2/25		Х	Х	x						
	FL 9 @ 5'	С	1		Х			X		4/2/25		Х	Х	x						
10	FL 10 @ 5' and Damages. Cardinal's liability and client's exclusive remedy for a	C	1		X			X	10	4/2/25		Х	Х	х						

se for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

02:	Relinquished By:		ved By:		Verbal Result: ☐ Yes ☐ No	Add'	Phone #:
/23/2	MATTIN	Time: 10 43 Q	Davis		All Results are emailed. Please provi		ail address: echenv.com
	Relipquished By:		ved By:		REMARKS:		
OCD		Time:			24 Hour Rush - Bill analytical to Mew C/O Lance Crenshaw.	bourne	C/O Connor Walker and rush charges to Etech
ved by		orrected Temp. °C 7.83	Cool Intact Yes Yes	CHECKED BY: (Initials)	Turnaround Time: Standard Rush	K	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes
Recei	FORM-006 R 3.5 08/05/24			nanges. Please em	Correction Factor -0.6°C+ひ・るし ail changes to celey.keene@cardin	allabsi	No No Corrected Temp. °C



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 2

ige 24 of 24

Released to Imaging: 8/4/2025 11:17:27 AM

Company Nam	e: Etech Environmenta	al & Safety Solutions	, Inc	<b>5.</b>						BIL	LL TO					ANA	LYSIS	REC	QUEST	Г	
Project Manage	er: Lance Crenshaw						ı	P.O. i	#:												
Address: 26	17 West Marland							Comp	pany	:	SEE RE	MARKS									
City: Hobbs		State: NM Zi	ip:	882	240		1	Attn:					1								
Phone #: (57	75) 264-9884	Fax #:					1	Addr	ess:									1			
Project #: 18	228	Project Owner:		Mew	bourne	9		City:						=	@						
Project Name:	Chili Verde 23-24 Fed C	com 716H					5	State	:	- 7	Zip:		e e	58	(8021B)						
Project Location	on: 32.477651, -104.16	7798					F	hon	e #:				l è	89	8						
Sampler Name	: Aaron Rios						F	ax #	<b>#</b> :				Chloride	TPH (8015M)	×						
FOR LAB USE ONLY			T	T	MA	TRI)	(	PI	RESE	RV.	SAMP	LING	10	4	ВТЕХ						
Lab I.D.	Sample I.	D. SPARS	ANA	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME									
- 11	FL 11 @ 4'		1		X			T	X		4/2/25		Х	Х	Х						
19	FL 12 @ 4'	(	1		X				X		4/2/25		Х	Х	X						
13	FL 13 @ 4'		1		X				Х		4/2/25		Х	Х	X						
14	FL 14 @ 4'		1		X				X		4/2/25		X	Х	X						
15	FL 15 @ 4'	(	1		X				Х		4/2/25		Х	х	X						
10	FL 16 @ 4'	(	1		Х				X		4/2/25		Х	X	X						
17	FL 17 @ 4'	(	1		X				X		4/2/25		Х	Х	X	4_1					
18	FL 18 @ 4'		1		X				Х		4/2/25		Х	Х	X						
19	FL 19 @ 4'	0	1		Х				Х		4/2/25		Х	Х	X						
99	FL 20 @ 4'	(	1		X				X		4/2/25		Х	Х	х						

Relinquished By:	Date: U.a.as Time: 1043	Received By:		Verbal Result: ☐ Yes All Results are emailed.	Please provi	de Ema	I Phone #: ail address: techenv.com
Rélinquished By:	Date: Time:	Received By:		REMARKS: 24 Hour Rush - Bill analyl C/O Lance Crenshaw.	tical to Mewb	oourne	C/O Connor Walker and rush charges to Etech
	Observed Temp. °C Corrected Temp. °C		CHECKED BY: (Initials)		Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C



April 03, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 18228

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 21 @ 4' (H251957-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 22 @ 4' (H251957-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.4	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 23 @ 4' (H251957-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.0	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 24 @ 4' (H251957-04)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	04/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 25 @ 5' (H251957-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 26 @ 4' (H251957-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	< 0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.3	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 27 @ 4' (H251957-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.5	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 28 @ 4' (H251957-08)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	04/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	89.1	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 29 @ 4' (H251957-09)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 30 @ 4' (H251957-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.9	% 40.6-15	3						

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Celey D. Keene



Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 31 @ 4' (H251957-11)

BTEX 8021B	mg	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15.	3						

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Celeg & Freene



Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

18228 Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 32 @ 4' (H251957-12)

Project Number:

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	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.2	% 40.6-15	3						

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Celey D. Keene



Sample Received By:

04/02/2025

Alyssa Parras

#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date:

Reported: 04/03/2025 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

Sample ID: FL 33 @ 4' (H251957-13)

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	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 34 @ 4' (H251957-14)

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	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2025	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	04/02/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 35 @ 4' (H251957-15)

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	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/03/2025	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	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 36 @ 4' (H251957-16)

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	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2025	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	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	98.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.9	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 37 @ 4' (H251957-17)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/02/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 38 @ 4' (H251957-18)

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	04/03/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/03/2025	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	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.4	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Received: 04/02/2025 Reported: 04/03/2025 Sampling Date: 04/02/2025 Sampling Type: Soil

Project Name:

Project Location:

BTEX 8021B

CHILI VERDE 23/24 FED COM 716 H

mg/kg

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: 18228

MEWBOURNE 32.477651-104.167798

Sample ID: FL 39 @ 4' (H251957-19)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2025	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	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	98.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 40 @ 4' (H251957-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.94	96.8	2.00	4.60	
Toluene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	3.75	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.96	98.0	2.00	3.41	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.77	96.2	6.00	3.25	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2025	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	04/03/2025	ND	212	106	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	201	100	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	96.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

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Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 8/4/2025 11:17:27 AM

ompany Name:	(575) 393-2326 FAX (575) 393-24 : Etech Environmental & Safety Soluti	76 ons, I	nc.			-			В	ILL	LTO					ANALY	SIS REQUEST	1 of 2
roject Manager							P.C	D. #:										
							Со	mpa	any:		SEE REN	MARKS						
	7 West Marland State: NM	Zip		88240			Att	-	,									
y: Hobbs		Lip		00210				dres	ss:									
				Mewbou	irne		Cit							=	e l			
oject #: 182				VICWDOO	1110			ate:		Zi	ip:		e	5N	21			
	Chili Verde 23-24 Fed Com 716H							one	#-	_			Chloride	TPH (8015M)	(8021B)			
roject Location							1	x #:					ž	E	×			
ampler Name:	Aaron Rios	T			MATE	RIX	1		ESER	V.	SAMP	LING	10	TP	втех			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME						
351451	FL 21 @ 4'	С	1		Х				Х		4/2/25		Х	Х	Х			
2	FL 22 @ 4'	С			Х				Х		4/2/25		Х	X	Х	-		
3	FL 23 @ 4'	С	1		х				Х		4/2/25		Х	Х	X			
Ú	FL 24 @ 4'	С	1		Х				X	1	4/2/25		X	X	X			-
5	FL 25 @ 5'	С	1		X				X		4/2/25		Х	X	X	-		-
1.	FL 26 @ 4'	С	1		Х				Х	1	4/2/25		X	X	X	-		-
5	FL 27 @ 4'	С	1		X				X	1	4/2/25		Х	X	X			-
8	FL 28 @ 4'	С	1		Х			1	Х	1	4/2/25		X	X	X	-		-
9	FL 29 @ 4'	С	1		X			1	X	1	4/2/25	-	X	X	X	-		
10	FL 30 @ 4'	C	1		X				X	- 1	4/2/25		X	X	X			

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affiliates or successors arising out of or related to the performant Relinquished by:	Date:	Received By:	Verbal Result:
Refinquished By:	Date:	Received By:	REMARKS:  24 Hour Rush - Bill analytical to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.
Denvered by (on the time)	Observed Temp. °C	Cool Intact (Initial	Queb MI Cool Intest Obcorred Jamp 1.



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

24

24 of ;

Released to Imaging: 8/4/2025 11:17:27 AM

	101 East Marland, Hobbs, (575) 393-2326 FAX (575)																		Page :	2 of 2	Page
Company Name:			nc.			$\neg$			BIL	LTO					AN	ALYSI	S RE	QUEST			۵
Project Manager							P.0	. #:													Ī
Address: 261	7 West Marland						Cor	mpany:		SEE REM	MARKS										١
City: Hobbs	State	e: NM Zip		88240			Attr	n:										1 1			١
	5) 264-9884 Fax	#:					Add	dress:										1 1		1 1	ı
Project #: 182		ect Owner:	٨	Newbou	ne		City	y:					=	a l							١
	Chili Verde 23-24 Fed Com 71	16H					Sta	te:	- 2	Zip:		ge	TPH (8015M)	(8021B)				1 1			١
	n: 32.477651, -104.167798						Pho	one #:				Chloride	80	8				1 1			١
Sampler Name:	Aaron Rios						Fax	(#:				등	Ī	<u>\tilde</u>	-			1 1	- 1		ı
FOR LAB USE ONLY			П	A	MATR	IX		PRESE	RV.	SAMP	LING	]	1	ВТЕХ						1 1	١
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
11	FL 31 @ 4'	С	1		X			X		4/2/25		Х	X	X	-	-		+		++	1
13	FL 32 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	-	-	+		-	1
13	FL 33 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	-	+	+			-
14	FL 34 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	+	+	+	_	+	1
15	FL 35 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	-	+	+		+	+
10	FL 36 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	-	+	+		-	+
17	FL 37 @ 4'	С	1		Х			X		4/2/25		X	X	X	-	-	+	+-			-
18	FL 38 @ 4'	C	1		Х	1		X		4/2/25		X	X	X	-	-	-			++	+
19	FL 39 @ 4'	C	1		Х			X	_	4/2/25		X	X	X	-	-	+				+
50	FL 40 @ 4'	C	1		Х			X		4/2/25 the amount paid b	the effect for	Х	Х	X							_

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Relinquished By:	Date:	Received By:		Verbal Result:	de Emai	Phone #: il address: echenv.com
Relinquished By:	Date:	Received By:		REMARKS: 24 Hour Rush - Bill analytical to Mewb C/O Lance Crenshaw.	ourne (	C/O Connor Walker and rush charges to Etech
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor ***5°C +3**3**	×	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



April 08, 2025

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 41 @ 4' (H251960-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.34	117	2.00	0.958	QM-07
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.18	120	6.00	1.56	QM-07
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	04/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.6	% 40.6-15	3						

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Celey D. Keine



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 43 @ 4' (H251960-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 44 @ 4' (H251960-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 45 @ 4' (H251960-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	< 0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.0	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 46 @ 4' (H251960-05)

BTEX 8021B	mg/kg Analyzed By			d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	< 0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 47 @ 4' (H251960-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.4	% 40.6-15	3						

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Celey & Keene



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 48 @ 4' (H251960-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.1	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Received: 04/02/2025 Reported: 04/08/2025

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798 Sampling Date: 04/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

# Sample ID: FL 49 @ 4' (H251960-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	< 0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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04/02/2025

Cool & Intact

Alyssa Parras

# Analytical Results For:

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

Received: 04/02/2025 Sampling Date:

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition:
Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 50 @ 4' (H251960-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.6	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 51 @ 4' (H251960-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.0	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 52 @ 4' (H251960-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	87.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.0	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 53 @ 4' (H251960-12)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	80.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 54 @ 4' (H251960-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	83.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.9	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 55 @ 4' (H251960-14)

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	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	75.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.9	% 40.6-15	3						

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# Analytical Results For:

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

Received: 04/02/2025 Reported: 04/08/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Type: Soil

Project Number: 18228

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 56 @ 4' (H251960-15)

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	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.6	% 40.6-15	3						

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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# Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 57 @ 4' (H251960-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 58 @ 4' (H251960-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	74.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.1	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 59 @ 4' (H251960-18)

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	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.6	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 60 @ 4' (H251960-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.5	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 61 @ 4' (H251960-20)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.93	96.4	2.00	6.15	
Toluene*	<0.050	0.050	04/04/2025	ND	2.04	102	2.00	1.20	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.34	117	2.00	0.958	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	7.18	120	6.00	1.56	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2350	16.0	04/03/2025	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	04/03/2025	ND	187	93.6	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	176	87.8	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 62 @ 4' (H251960-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 63 @ 4' (H251960-22)

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	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.7	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 64 @ 4' (H251960-23)

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	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	65.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	59.4	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 65 @ 4' (H251960-24)

RTFY 8021R

2.00 1.27 2.00 2.99 2.00 4.89 6.00 5.20	
2.00     2.99       2.00     4.89	
2.00 4.89	
6.00 5.20	
e Value QC RPD	Qualifier
400 3.77	
e Value QC RPD	Qualifier
200 1.43	
200 0.391	L

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Celey D. Keine



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 66 @ 4' (H251960-25)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 04/04/2025	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		04/04/2025	ND	1.00				
	0.050			1.99	99.7	2.00	1.27	
<0.0E0		04/04/2025	ND	1.95	97.3	2.00	2.99	
<b>\0.030</b>	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
<0.300	0.300	04/04/2025	ND					
117 9	% 71.5-13	4						
mg,	'kg	Analyze	d By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	04/03/2025	ND	416	104	400	3.77	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/03/2025	ND	192	96.1	200	1.43	
<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
<10.0	10.0	04/03/2025	ND					
70.4	% 44.4-14	5						
66.8	% 40.6-15	3						
	<0.300  117 9  mg/ Result  176  mg/ Result  <10.0  <10.0  <70.4	<0.050 0.050 <0.150 0.150 <0.300 0.300  117 % 71.5-13  mg/ky  Result Reporting Limit  176 16.0  mg/ky  Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <70.4 % 44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keine



# Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 67 @ 4' (H251960-26)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.6	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 68 @ 4' (H251960-27)

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	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	< 0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.0	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 69 @ 4' (H251960-28)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	79.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 70 @ 4' (H251960-29)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	04/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	73.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.8	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 71 @ 4' (H251960-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	73.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.9	% 40.6-15	3						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 72 @ 4' (H251960-31)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	64.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	58.6	% 40.6-15	3						
-									

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 73 @ 4' (H251960-32)

RTFY 8021R

B1EX 8021B	mg	/ Kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (Pa	ID 115	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	72.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	67.8	% 40.6-15	i3						
Surrogate: 1-Chlorooctane	72.7	% 44.4-14	15	ND					

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Celey D. Keine



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 74 @ 4' (H251960-33)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	04/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	63.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	59.1	% 40.6-15	3						

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Celey D. Keine



# Analytical Results For:

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

Received: 04/02/2025 Reported:

Sampling Date: 04/02/2025 Soil

Project Name:

04/08/2025 Sampling Type: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 75 @ 4' (H251960-34)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	< 0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	68.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.8	% 40.6-15	3						

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Celey D. Keene



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 76 @ 4' (H251960-35)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	71.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.6	% 40.6-15	3						

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Celey D. Keine



# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 77 @ 4' (H251960-36)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	70.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.3	% 40.6-15	3						

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Celey & Keene



# Analytical Results For:

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

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

# Sample ID: FL 78 @ 4' (H251960-37)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	76.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.5	% 40.6-15	3						

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### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 79 @ 4' (H251960-38)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	72.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.9	% 40.6-15	3						

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### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/08/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 80 @ 4' (H251960-39)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2025	ND	1.99	99.7	2.00	1.27	
Toluene*	<0.050	0.050	04/04/2025	ND	1.95	97.3	2.00	2.99	
Ethylbenzene*	<0.050	0.050	04/04/2025	ND	2.01	100	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/04/2025	ND	6.25	104	6.00	5.20	
Total BTEX	<0.300	0.300	04/04/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	04/03/2025	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	04/03/2025	ND	192	96.1	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	187	93.5	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					
Surrogate: 1-Chlorooctane	73.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.7	% 40.6-15	3						

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#### **Notes and Definitions**

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

ecovery.

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

7/23/2025 7:54:19 AM

Received by OCD:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1	of 4	
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Company Name	: Etech Environmental & Safety Soluti	ions,	Inc.				0000			BII	LTO					ANA	LYSIS	REC	QUEST		
Project Manage	r: Lance Crenshaw						F	2.0.	#:												
Address: 261	7 West Marland						c	om	pany	:	Mewb	ourne									
City: Hobbs	State: NM	Zip	):	8824	Ю		A	ttn:			Connor Wa	ker						-			
Phone #: (57	5) 264-9884 Fax #:						A	ddr	ess:												
Project #: 182	228 Project Owner	r:		Newb	ourne		C	ity:						=	<u>@</u>						
Project Name:	Chili Verde 23-24 Fed Com 716H						S	tate	e:		Zip:		9	12	21						
Project Location	n: 32.477651, -104.167798						F	hor	ne #:				Chloride	TPH (8015M)	(8021B)						
Sampler Name:	Aaron Rios						F	ax i	#:				통	H							
FOR LAB USE ONLY		T.	П		MAT	RIX		P	RESE	RV.	SAMP	LING	ľ	무	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COO- C	OTHER:	DATE	TIME									
1	FL 41 @ 4'	С	1		X				X		4/2/25		Х	X	Х						
A	FL 43 @ 4'	С	1		X				X		4/2/25		X	X	X						
3	FL 44 @ 4'	С	1		X				X		4/2/25		Х	Х	X						
Ч	FL 45 @ 4'	С	1		X				X		4/2/25		X	Х	Х						
5	FL 46 @ 4'	C	1		X				X		4/2/25		X	X	X						
10	FL 47 @ 4'	С	1		X				X		4/2/25		X	X	X						
4	FL 48 @ 4'	С	1		X				X		4/2/25		X	Х	X						
8	FL 49 @ 4'	С	1		X				X		4/2/25		Х	X	X						
9	FL 50 @ 4'	С	1		X				X		4/2/25		Х	Х	X						
to	FL 51 @ 4'	C	1		X				X		4/2/25		X	Х	X						

9.568E.MOTE: Liability and Demages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date:	Received By:		Verbal Result:	Please provid	e Ema	Phone #: if address: echenv.com
Relinquished By:		Received By:		REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	A-	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temps 'C	Yet Yes	a?	Thermometer ID #140 Correction Factor -0.6% +0			☐ Yes ☐ Yes ☐ No ☐ Corrected Temp. °C

7/23/2025 7:54:19 AM

Received by OCD:

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

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

Page 2 of 4

Company Name	e: Etech Environmental & Safety Soluti	ons,	Inc.				BILL TO							ANAL	YSIS F	REQUEST		
Project Manage	r: Lance Crenshaw						P.	O. #:							1			
Address: 261	17 West Marland						Co	mpan	y:	Mewb	oume	1						
City: Hobbs	State: NM	Zip	:	88240	)		At	tn:		Connor Wa	lker	1			1 1			
	75) 264-9884 Fax #:						Ad	dress	:			1						
Project #: 182		:	N	lewbo	urne		Cit	tv:				1		<u></u>				
	Chili Verde 23-24 Fed Com 716H							ate:		Zip:		0	5M	(8021B)				
	n: 32.477651, -104.167798							one #				1 g	9	8				
Sampler Name:								x #:				Chloride	TPH (8015M)	×				
FOR LAB USE ONLY	T	T	П		MATE	RIX	1	PRES	ERV.	SAMP	LING	10	Ē	ВТЕХ				
<b>Lab I.D.</b>	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
11	FL 52 @ 4'	С	1		X			)		4/2/25		Х	Х	Х				
12	FL 53 @ 4'	С	1		X			)		4/2/25		Х	Х	Х				
13	FL 54 @ 4'	С	1		X			)		4/2/25		Х	Х	X				
14	FL 55 @ 4'	С	1		X					4/2/25		Х	Х	Х				
15	FL 56 @ 4'	С	1		X			)		4/2/25		Х	Х	Х				
Ko	FL 57 @ 4'	С	1		X			)		4/2/25		Х	Х	х				
17	FL 58 @ 4'	С	1		X			)		4/2/25		Х	Х	х				
18	FL 59 @ 4'	С	1		X			)		4/2/25		х	Х	х				
19	FL 60 @ 4'	С	1		X			)		4/2/25		Х	Х	х				
90	FL 61 @ 4'	С	1		X			)		4/2/25		Х	Х	Х				

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Relinquished By:		ceived By:	on any or the above stated real		es 🗆 No	-	Phone #:
MAMAR	U-2-35 Time: 1510	Dipaus		All Results are emailed			il address: echenv.com
Refinquished By: (	Date: Re	ceived By:		REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	XI	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes	AR .	Thermometer ID #140 Correction Factor -0.6°C	10.32		☐ Yes ☐ Yes ☐ No ☐ Corrected Temp. °C

7/23/2025

Received by OCD:



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Pag	e	3	of	4

Company Name	: Etech Environmental & Safety Solution	ons,	Inc.				BILL TO								ANAL	YSIS	REQ	UEST		
Project Manage	r: Lance Crenshaw						P.	0. #:												T
Address: 261	7 West Marland						Co	mpan	y:	Mewb	ourne									'
City: Hobbs	State: NM	Zip	:	88240	)		At	tn:		Connor Wa	lker									
Phone #: (57	5) 264-9884 Fax #:						Ad	Idress	:											
Project #: 182	28 Project Owner	:	P	Newbo	urne		Cit	ty:						@						
	Chili Verde 23-24 Fed Com 716H						Sta	ate:		Zip:		9	5	(8021B)						
	n: 32.477651, -104.167798						Ph	one #				1 2	801	8						
Sampler Name:	Aaron Rios							x #:				Chloride	TPH (8015M)	X						
FOR LAB USE ONLY		T.	П		MATI	RIX	-	PRES	ERV.	SAMP	LING	10	4	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
21	FL 62 @ 4'	С	1		X			X		4/2/25		Х	Х	Х						
aa	FL 63 @ 4'	C	1		X		1	X		4/2/25		Х	X	Х						
23	FL 64 @ 4'	С	1		X			X		4/2/25		Х	Х	Х						
24	FL 65 @ 4'	С	1		X			X		4/2/25		Х	Х	Х						
25	FL 66 @ 4'	С	1		X			X		4/2/25		Х	Х	Х						
26	FL 67 @ 4'	С	1		X			X		4/2/25		Х	X	х						
27	FL 68 @ 4'	С	1		X			X		4/2/25		Х	X	х						
86	FL 69 @ 4'	С	1		X			X		4/2/25		Х	Х	х						
29	FL 70 @ 4'	С	1		X			Х		4/2/25		Х	Х	х						
3)	FL 71 @ 4'	С	1		X			Х		4/2/25		Х	Х	Х						

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affiliates or successors arising out of or related to the perfor	mance of services bereunder by Cardin	nal, regardless of whether such claim is based up	on any of the above stated rear	sons or otherwise.		
Relinquished By;		Received By:		Verbal Result: ☐ Yes	□ No I	Add'l Phone #:
Mann	7 15/0	apaus		All Results are emailed. Ple		e Email address: m@etechenv.com
Relinquished By:	Date:	Received By:		REMARKS:		
	Time:					
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: St	tandard	Bacteria (only) Sample Condition
Delivered by: (Officie Offic)		3- Cool Intact	(Initials)	1 3 dec 23 dec 3 dec 3 dec 3 dec 3 de 3 de 3 de 3	lush	Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Tomp °C	Yes Yes		Thermometer ID #140	27.4	Yes Yes
	F	□ No □ No	AP	Correction Factor -0.6°C +0.	3-	□ No □ No Corrected Temp. °C

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

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

Page 4 of 4

age 45 of 45

Phone #: (575) 2 Project #: 18228	Vest Marland State: NM 264-9884 Fax #:	Zip	:	8824			-1	P.0	. #:				1						
City: Hobbs  Phone #: (575) 2  Project #: 18228	State: NM 264-9884 Fax #:	Zip	:	8824				-								1 1	- 1	1	
Phone #: (575) 2 Project #: 18228	264-9884 Fax #:	Zip	:	8824			_	Con	npan	y:	Mewb	ourne							
Project #: 18228				002	10			Attr	1:		Connor Wal	ker							
	Project Owner							Add	iress	:									
Project Name: Ch	rioject owner	:	N	lewb	ourne	9		City	<i>r</i> :					=	<u>a</u>				
rioject radine.	nili Verde 23-24 Fed Com 716H							Stat	te:		Zip:		9	151	2				
Project Location:	32.477651, -104.167798							Pho	ne#				Chloride	TPH (8015M)	(8021B)				
Sampler Name:	Aaron Rios							Fax					릇	H	X				
FOR LAB USE ONLY			П		MA	TRIX	(		PRES	ERV.	SAMP	LING	1	T P	ВТЕХ				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
	L 72 @ 4'	С	1		X				)		4/2/25		Х	Х	Х				
	L 73 @ 4'	С	1		X				)		4/2/25		Х	X	х				
33 FL	L 74 @ 4'	С	1		X				)		4/2/25		Х	Х	Х				
	L 75 @ 4'	С	1		X				)		4/2/25		Х	Х	Х				
35 FL	L 76 @ 4'	С	1		X				>		4/2/25		Х	Х	Х				
36 FI	L 77 @ 4'	С	1		X				)		4/2/25		Х	Х	Х				
37 FL	L 78 @ 4'	C	1		X				)		4/2/25		Х	X	Х				
37 FL 38 FL	L 79 @ 4'	С	1		X				)		4/2/25		Х	Х	х				
	L 80 @ 4'	С	1		X				)		4/2/25		Х	Х	х				
	tarnages. Cardinal's liability and client's exclusive remedy for a																		

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affiliates or successors arising out of or related to the perform	ance of services hereunder by Caro	dinal, regardless of whether such claim is based up	pon any of the above stated rea:	sons or otherwise.			
Relinquished By:	Date:	Received By:	71	Verbal Result:	- 110		Phone #:
MA Mu	19-2-25 Time:	apaus		All Results are emailed.			ill address: echenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard Rush	X	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp °C	Cool Intact Yes Yes No No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C			Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C



April 09, 2025

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/03/25 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Applyand By 14

Received: 04/03/2025 04/09/2025 Sampling Date: 04/03/2025

Reported:

Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Project Number: 18228

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

Sample ID: FL 42 @ 4' (H251996-01)

DTEV 0021D

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	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/07/2025	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	04/06/2025	ND	206	103	200	1.66	
DRO >C10-C28*	<10.0	10.0	04/06/2025	ND	197	98.4	200	0.740	
EXT DRO >C28-C36	<10.0	10.0	04/06/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.1	% 40.6-15.	3						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 81 @ 4' (H251996-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2025	ND	206	103	200	1.66	
DRO >C10-C28*	<10.0	10.0	04/06/2025	ND	197	98.4	200	0.740	
EXT DRO >C28-C36	<10.0	10.0	04/06/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 82 @ 4' (H251996-03)

BTEX 8021B

DILX GOZID	11197	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	< 0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	< 0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/07/2025	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	04/06/2025	ND	206	103	200	1.66	
DRO >C10-C28*	<10.0	10.0	04/06/2025	ND	197	98.4	200	0.740	
EXT DRO >C28-C36	<10.0	10.0	04/06/2025	ND					
Surrogate: 1-Chlorooctane	72.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.1	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 83 @ 4' (H251996-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 84 @ 4' (H251996-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 85 @ 4' (H251996-06)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 86 @ 4' (H251996-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.0	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 87 @ 4' (H251996-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.8	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 88 @ 4' (H251996-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 89 @ 4' (H251996-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 90 @ 4' (H251996-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 91 @ 4' (H251996-12)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 92 @ 4' (H251996-13)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 93 @ 4' (H251996-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 94 @ 4' (H251996-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

### Sample ID: FL 95 @ 4' (H251996-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 96 @ 4' (H251996-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.08	104	2.00	0.149	
Toluene*	<0.050	0.050	04/07/2025	ND	2.11	105	2.00	0.187	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	0.206	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.05	101	6.00	0.0337	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.6	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 97 @ 4' (H251996-18)

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	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.3	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 98 @ 4' (H251996-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	90.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Analyzed By: 14

Received: 04/03/2025 Reported: 04/09/2025

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

Sampling Date: 04/03/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FL 99 @ 4' (H251996-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 100 @ 4' (H251996-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 101 @ 4' (H251996-22)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

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Celey D. Keene



Shalyn Rodriguez

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H Cool & Intact

Sampling Condition: Project Number: 18228 Sample Received By:

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 102 @ 4' (H251996-23)

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	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/07/2025	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	04/07/2025	ND	197	98.5	200	3.50	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.1	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 103 @ 4' (H251996-24)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 104 @ 4' (H251996-25)

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	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	63.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	57.7	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 105 @ 4' (H251996-26)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	< 0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	< 0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	81.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 106 @ 4' (H251996-27)

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	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.7	% 40.6-15	3						

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Shalyn Rodriguez

### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Name: Sample Received By: Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 107 @ 4' (H251996-28)

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	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.2	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 108 @ 4' (H251996-29)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/07/2025	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.5	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 109 @ 4' (H251996-30)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/07/2025	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 110 @ 4' (H251996-31)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/07/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 111 @ 4' (H251996-32)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 112 @ 4' (H251996-33)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 113 @ 4' (H251996-34)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 114 @ 4' (H251996-35)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.6	% 40.6-15	3						

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Sample Received By:

04/03/2025

Shalyn Rodriguez

#### Analytical Results For:

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

Applyzod By: 14

Received: 04/03/2025 Sampling Date:

Reported: 04/09/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 115 @ 4' (H251996-36)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 116 @ 4' (H251996-37)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	6.27	
Toluene*	<0.050	0.050	04/07/2025	ND	2.05	103	2.00	4.76	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.05	102	2.00	4.89	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.52	109	6.00	4.54	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 117 @ 4' (H251996-38)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	QM-07
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	QM-07
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.0	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 118 @ 4' (H251996-39)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 119 @ 4' (H251996-40)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.8	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 120 @ 4' (H251996-41)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.9	% 40.6-15	3						

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 121 @ 4' (H251996-42)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.8	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 122 @ 4' (H251996-43)

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	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	216	108	200	1.25	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	107	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

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#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 123 @ 4' (H251996-44)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/07/2025	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	90.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/09/2025 Sampling Date: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

### Sample ID: FL 124 @ 4' (H251996-45)

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	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/07/2025	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	82.1	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 125 @ 4' (H251996-46)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.2	% 40.6-15	3						

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Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 126 @ 4' (H251996-47)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 127 @ 4' (H251996-48)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.7	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 128 @ 4' (H251996-49)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 129 @ 4' (H251996-50)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	04/07/2025	ND	480	120	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

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04/03/2025

# Analytical Results For:

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

Received: 04/03/2025 Reported:

04/09/2025 Sampling Type: Soil CHILI VERDE 23/24 FED COM 716 H Sampling Condition:

Sampling Date:

Project Name: Project Number:

Cool & Intact 18228 Sample Received By: Shalyn Rodriguez Project Location: MEWBOURNE 32.477651-104.167798

Sample ID: FL 130 @ 4' (H251996-51)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 131 @ 4' (H251996-52)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 132 @ 4' (H251996-53)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	< 0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	< 0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 133 @ 4' (H251996-54)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 134 @ 4' (H251996-55)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.0	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 135 @ 4' (H251996-56)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.9	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 136 @ 4' (H251996-57)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.13	107	2.00	0.350	
Toluene*	<0.050	0.050	04/07/2025	ND	2.22	111	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.54	127	2.00	1.61	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.79	130	6.00	2.04	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.5	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 137 @ 4' (H251996-58)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	85.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 138 @ 4' (H251996-59)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	75.0	% 40.6-15	3						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 139 @ 4' (H251996-60)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.1	% 40.6-15	3						

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Celey D. Keene



Sample Received By:

04/03/2025

Shalyn Rodriguez

#### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/09/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 140 @ 4' (H251996-61)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.5	% 40.6-15	3						

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Celey & Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 141 @ 4' (H251996-62)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.7	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 142 @ 4' (H251996-63)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	04/07/2025	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	04/07/2025	ND	209	105	200	4.89	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 143 @ 4' (H251996-64)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	84.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.5	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 145 @ 4' (H251996-65)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.5	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 146 @ 4' (H251996-66)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	04/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.2	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 147 @ 4' (H251996-67)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.2	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 148 @ 4' (H251996-68)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.7	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 149 @ 4' (H251996-69)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.3	% 40.6-15	3						

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Celey D. Keene



04/03/2025

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Sample Received By: Project Number: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 150 @ 4' (H251996-70)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.4	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 151 @ 4' (H251996-71)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	04/07/2025	ND	416	104	400	3.77	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.8	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 152 @ 4' (H251996-72)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.1	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 153 @ 4' (H251996-73)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.1	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 154 @ 4' (H251996-74)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	86.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.5	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 155 @ 4' (H251996-75)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 156 @ 4' (H251996-76)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

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Sample Received By:

04/03/2025

Shalyn Rodriguez

### Analytical Results For:

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

Received: 04/03/2025 Sampling Date:

Reported: 04/09/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 157 @ 4' (H251996-77)

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	04/07/2025	ND	2.06	103	2.00	16.1	
Toluene*	<0.050	0.050	04/07/2025	ND	2.03	101	2.00	16.9	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.14	107	2.00	17.8	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	6.67	111	6.00	17.4	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	67.0	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	60.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 158 @ 4' (H251996-78)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	QM-07
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	QM-07
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/03/2025

Sampling Date: 04/03/2025

Reported: 04/09/2025 Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Type: Soil

Project Number: 18228

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 159 @ 4' (H251996-79)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	< 0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	93.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	84.5	% 40.6-15	3						

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Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 160 @ 4' (H251996-80)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.7	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Received: 04/03/2025 Reported: 04/09/2025 Sampling Date: 04/03/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 161 @ 4' (H251996-81)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.8	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 162 @ 4' (H251996-82)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11300	16.0	04/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 163 @ 4' (H251996-83)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/07/2025	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	04/07/2025	ND	210	105	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 164 @ 4' (H251996-84)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	55.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	51.4	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: 14

Sampling Date:

04/03/2025

Reported:

Received:

RTFY 8021R

04/03/2025 04/09/2025

Sampling Type:

Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition:

Cool & Intact

Project Number:

18228

Sample Received By:

Shalyn Rodriguez

Project Location:

MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 165 @ 4' (H251996-85)

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 166 @ 4' (H251996-86)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 167 @ 4' (H251996-87)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	74.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.5	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 168 @ 4' (H251996-88)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	73.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 169 @ 4' (H251996-89)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	73.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.9	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 170 @ 4' (H251996-90)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	69.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 171 @ 4' (H251996-91)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	75.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 172 @ 4' (H251996-92)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	60.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	56.1	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil Project Name: CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 173 @ 4' (H251996-93)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	69.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	64.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/03/2025 Sampling Date: 04/03/2025

Reported: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: Sample Received By: 18228 Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 174 @ 4' (H251996-94)

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	04/07/2025	ND	2.19	109	2.00	17.2	
Toluene*	<0.050	0.050	04/07/2025	ND	2.28	114	2.00	13.6	
Ethylbenzene*	< 0.050	0.050	04/07/2025	ND	2.60	130	2.00	12.5	
Total Xylenes*	<0.150	0.150	04/07/2025	ND	7.95	133	6.00	12.1	
Total BTEX	<0.300	0.300	04/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/07/2025	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	04/07/2025	ND	217	109	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	215	108	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					
Surrogate: 1-Chlorooctane	65.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	61.5	% 40.6-15	3						

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QR-04



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#### **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

\*\*\* 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

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

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

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of 106

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Company Name:	Etech Environmenta	al & Safety Solution	s, Ir	IC.						BIL	L TO					ANALYSI	S REC	QUEST		
	: Lance Crenshaw							P.O.	#:											1
	7 West Marland							Com	pany	<i>j</i> :	Mewbo	ourne								
City: Hobbs		State: NM	Zip:	8	88240			Attn	:	(	Connor Wall	ker								
,	5) 264-9884	Fax #:						Add	ress:											
Project #: 182		Project Owner:		M	ewbou	rne		City	:					€	(8021B)					
	Chili Verde 23-24 Fed C						_	Stat	e:	- 2	Zip:		de	TPH (8015M)	021					
	a: 32.477651, -104.16							Pho	ne #:				Chloride	88	8				- 1	
Sampler Name:								Fax					유	포	втех	1 1				
FOR LAB USE ONLY				П	, A	MATR	IX		PRES	ERV.	SAMP	LING		=	E					
Lab I.D.	Sample I	i.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME								
1	FL 42 @ 4'	_	С	1		Х			X		4/3/25		X	Х	X		_	+	-	+
2	FL 81 @ 4'		С	1		Х			X		4/3/25		X	X	X		-	++	_	+
3	FL 82 @ 4'		С	1		Х	1		X	(	4/3/25		X	X	X		+	+ +		+
4	FL 83 @ 4'		С	1		Х	_	Н	X		4/3/25		X	X	X	-	+	+		+
S	FL 84 @ 4'		С	1		Х	_		X		4/3/25		X	X	X		+	+ +	_	+
6	FL 85 @ 4'		С	1		Х	_		)	(	4/3/25		X	X	X		-	+ +	-	+
7	FL 86 @ 4'		С	1		Х			)	(	4/3/25		X	X	X		_	+		+
8	FL 87 @ 4'		C	1		Х			)	(	4/3/25		X	X	X		+	+++	-	+
9	FL 88 @ 4'		С	1		X				(	4/3/25		X	X	X		+	+ +	-	+
10	FL 89 @ 4'	Sant's avelosive remedy for ally	С	1		Х				X	4/3/25	the effect for	X	X	X					

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Relinquished By:	Date: 3-25 Received By: Time: 1450 Stockling	Verbal Result:
Relinquished By:	Date: Received By: Time:	REMARKS:
	Observed Temp. °C 5.5 Sample Condition CHECKED BY Corrected Temp. °C 5.2: Sample Condition CHECKED BY (Initials)	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Thermometer ID 140 Correction Factor 0.6° C 0.3° C No No Corrected Temp. °C



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	101 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-247																Page 2	of 10 @
Company Name:			nc.						BIL	LTO					ANALYS	SIS REQUE	ST	of 10 epo
Project Manager							P.C	). #:										
							Col	mpany		Mewbo	urne			1				
Address: 261				00040			Att			Connor Wall					1 1			
City: Hobbs	State: NM	Zip		88240					_	COIIIOI VVair	VCI				- 1 1			
Phone #: (575	5) 264-9884 Fax #:							dress:	_									
Project #: 182	28 Project Owner:		N	lewbou	ırne	_	Cit	y:				_	E	18				
Project Name:	Chili Verde 23-24 Fed Com 716H						Sta	ate:	- 1	Zip:		ğ	15	(8021B)				
Project Location	1: 32.477651, -104.167798						Ph	one #:				Chloride	TPH (8015M)	8				
Sampler Name:	Aaron Rios						_	x #:				1 5	포	втех				
FOR LAB USE ONLY			П		MATR	IX		PRESE	RV.	SAMP	LING		F	E				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
11	FL 90 @ 4'	С	1		X			X		4/3/25		X	X	X				+
ia	FL 91 @ 4'	С	1		X			X		4/3/25		Х	X	X	$\rightarrow$			+
	FL 92 @ 4'	C	1		X			X		4/3/25		Х	X	X				+
13	FL 93 @ 4'	C	1		X			X		4/3/25		X	X	Х				+
15	FL 94 @ 4'	C	1		Х			X		4/3/25		X	X	Х				$\vdash$
16	FL 95 @ 4'	C	1		Х			X		4/3/25		X	X	Х		$\rightarrow$	+	+
19	FL 96 @ 4'	С	1		X			X		4/3/25		X	X	Х				+
18	FL 97 @ 4'	C	1		Х		1	X		4/3/25		X	X	Х			-	$\vdash$
19	FL 98 @ 4'	C	1		X			X		4/3/25		X	X	X			+	
ao	FL 99 @ 4'	C	1		X			X		4/3/25 the amount paid t		X	X	X				

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

affiliates or successors arising out of or related to the performant Relinquished By:	Date: 433 Time: 450	rdinal, regardless of whether such claim is based upon any of the about Received By:	Verbal Result: Yes No Add'I Phone All Results are emailed. Please provide Email addre	ss:
Rélinquished By:	Date:	Received By:	REMARKS:	
	Observed Temp. °C	Cool Intact	Rush Cool	eria (only) Sample Condition Intact Observed Temp. °C  SE Yes In No Corrected Temp. °C

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

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Company Name	: Etech Environmental		, Inc	·.						BIL	LTO					ANALYS	S REQ	UEST	 -Pa
	r: Lance Crenshaw							P.0	. #:										
	7 West Marland							Con	npan	y:	Mewbo	ourne							
City: Hobbs		State: NM Z	ip:	88	240			Attr	1:		Connor Wall	ker							
	5) 264-9884	Fax #:						Add	iress	:									
Project #: 182		Project Owner:		Mev	wbour	ne		City	<i>j</i> :					Ê	(8021B)				
	Chili Verde 23-24 Fed Cor	m 716H						Sta	te:	- 7	Zip:		ge	TPH (8015M)	021				
	n: 32.477651, -104.1677							Pho	one #	:			Chloride	(8)	8				
Sampler Name:	Aaron Rios		_	_				Fax		I	SAMP	LINC	5	표	ВТЕХ				
Lab I.D.	Sample I.D	).	(G)KAB OR (C)OMP.	GROUNDWATER	rewater	IATR			ACID/BASE:	OTHER:	DATE	TIME							
21	FL 100 @ 4'		С	1		Х	+	Н		(	4/3/25		X	X	X		1		+1
	FL 101 @ 4'		C	1	$\vdash$	Х	+	Н		(	4/3/25		X	X	X				$\perp$
23	FL 102 @ 4'		C	1	$\mathbb{H}$	Х	+	Н		X	4/3/25		X	X	x				
25 25	FL 103 @ 4'		C	1	+	X	+	H		X	4/3/25		x	X	X				
25	FL 104 @ 4'		C	1	+	X	+	H		X	4/3/25		X	X	X				
	FL 105 @ 4'		C	1	+	X	+			X	4/3/25		X	X	X				
27	FL 106 @ 4'		C	1		X	+			X	4/3/25		X	X	X				
200	FL 107 @ 4'		C C	1		X	+			X	4/3/25		X	X	X				
30	FL 108 @ 4' FL 109 @ 4'		c	1		X				X	4/3/25		Х	X	Х				

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

affiliates or successors arising out of or related to the performance Relinquished By:	Date: 4.3.25 Time:)450	Received By:  Shock by Cy	any of the above stated reason	Verbal Result:	
Relinquished By:	Date:	Received By:		REMARKS:	
	bserved Temp. °C_		(Initials)	Turnaround Time: Standard Rush  Thermometer ID #140	



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

Page 4 of 10

age 100 of 106

Company Name: Etech Environmental & Safety Solutions, Inc.						BILL TO						ANALYSIS REQUEST										
Project Manager: Lance Crenshaw							P.O. #:									T						
Address: 2617 West Marland					Company: Mewbourne					1												
City: Hobbs State: NM Zip: 88240					Attn:			Connor Wa	lker													
Phone #: (575) 264-9884 Fax #:						Add	ress:				1											
Project #: 18228 Project Owner: Mewbourne							City:					1	_	m l								
Project Name: Chili Verde 23-24 Fed Com 716H							State	e:		Zip:		e	58	(8021B)								
Project Location	n: 32.477651, -104.16	7798						Phor	ne #:				l ž	801	8							
Sampler Name:	Aaron Rios							Fax	#:				Chloride	TPH (8015M)	×							
FOR LAB USE ONLY MATRIX				IX	P	RESER	₹V.	SAMP	LING	10	4	ВТЕХ										
Lab I.D. #251994	Sample I.	D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME										
	FL 110 @ 4'		С	1		Х			X	Т	4/3/25		Х	Х	Х							
33 33 35 36 37 38	FL 111 @ 4'	- 4	С	1		Х			X		4/3/25		Х	Х	Х							
33	FL 112 @ 4'	-1.	С	1		X			Х		4/3/25		Х	Х	Х							
34	FL 113 @ 4'		С	1		Х			X		4/3/25		Х	Х	X							
35	FL 114 @ 4'		С	1		Х			X		4/3/25		Х	Х	Х							
36	FL 115 @ 4'		С	1		Х			X		4/3/25		X	Х	Х							
37	FL 116 @ 4'		С	1		Х			Х	Т	4/3/25		Х	Х	X							
58	FL 117 @ 4'		С	1		Х			х		4/3/25		Х	Х	х							
39	FL 118 @ 4'		С	1		х			X	1	4/3/25		X	Х	х							
	FL 119 @ 4' and Damages. Cardinal's liability and clien		С	1		Х			X	1	4/3/25		X	Х	х							

PLEASE NOTE: Liability and Damages. Cardinan's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 43.25	Received By:		Verbal Result: ☐ Y	es 🗆 No	Add'	'I Phone #:
MILLA	Time: 1450	Stadeign	rey	All Results are emailed.			ail address: techenv.com
Relinquished By:	Date:	Received By:	0	REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard Rush	X	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	S a Cool Intact Yes Yes No No No	(Initiats)	Thermometer ID #140 Correction Factor -0.6°C	Rusii	П	Cool Intact Observed Temp. °C  Yes Yes  One Corrected Temp. °C



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

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ge 101 of 106

Released to Imaging: 8/4/2025 11:17:27 AM

Company Name:	Etech Environmental	& Safety Solution	tions, Inc.					18		BI	LL TO					ANALY	SIS	REQL	JEST			-
Project Manager	: Lance Crenshaw							P.0	). #:													
Address: 261	7 West Marland							Co	mpar	ıy:	Mev	vbourne				1.1						
City: Hobbs		State: NM	Zip:	88240				Att	n:		Connor V	/alker			1 1							$\perp$
	5) 264-9884	Fax #:						Ad	dress	s:												
Project #: 182	28	Project Owner:		M	ewbo	urne		Cit	y:					S	(8021B)		- 1					
	Chili Verde 23-24 Fed Co	om 716H						State: Zip:					9	15	22							
	n: 32.477651, -104.167						Ph	hone #:				Chloride	TPH (8015M)	8								
Sampler Name:	Aaron Rios							Fa	x #:				ᆜᇙ	Ŧ	втех							$\perp$
FOR LAB USE ONLY	FOR LAB USE ONLY MATRIX				XIX	PRESERV. SAMP				MPLING		1 =	H H									
Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	E									
	FL 120 @ 4'		C	1		X				Х	4/3/25		X		X				-		_	+
	FL 121 @ 4'		С	1		X		1		Х	4/3/25		X		X	-		$\vdash$	-	+	+	+
	FL 122 @ 4'		С	1		X	4	4	Н	X	4/3/25		X	1	X				-	+	+	+
	FL 123 @ 4'		C	1		Х		4		X	4/3/25		X		X				-	+	+	+
45	FL 124 @ 4'		C	1		X				X	4/3/25		X	X	X	_			-	+	+	+
	FL 125 @ 4'		С	1		Х				Х	4/3/25		Х	X	X				-	+	-	+
	FL 126 @ 4'		C	1	1	Х				X	4/3/25		X	X	X				-	-	+	+
48	FL 127 @ 4'		С	1		X				Х	4/3/25		Х	X	X				-	-	-	+
	FL 128 @ 4'		С	1		X				X	4/3/25		Х	X	Х				-	-	-	+
SO	FL 129 @ 4'		С	1		Х				X	4/3/25		X	X	X							
DI FREE NOTE: Linkilly o	and Damanes, Cardinal's liability and clien	it's exclusive remedy for any	claim	arising	whether I	based in	contra	ct or tort	shall be	limited to	o the amount po	id by the client	for the									

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

Relinquished By:	Date: 4-3-25 Time: 1450	Received By: Stocking	Verbal Result:
Relinquished By:	Date:	Received By:	REMARKS:
	Observed Temp. °C	Se Cool Intact	Turnaround Time: Standard Rush  Thermometer ID #140 Correction Factor +0.8°C  Thermometer ID #10 Correction Factor +0.8°C  Thermometer ID #140 Correction Factor +0.8°C

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Company Name								1		BII	L TO					ANALYSIS	REQU	EST	 Pag
	: Lance Crenshaw							P.0	). #:										15
Address: 261								Co	mpar	ny:	Mewbo	oume							
City: Hobbs		State: NM 2	Zip:	8	38240			Attn: Connor Walker											
	one #: (575) 264-9884 Fax #:					Address:						1			1 1				
	roject #: 18228 Project Owner: Mewbourne					City:						ŝ	8						
	Chili Verde 23-24 Fed 0	Com 716H						State: Zip:					Chloride TPH (8015M) 3TEX (8021B)						
	n: 32.477651, -104.16							Ph	one #	<b>#</b> :									
Sampler Name: Aaron Rios							Fa	x #:				1 5	품	втех					
FOR LAB USE ONLY			٠.	П	-	MATE	RIX		PRE	SERV.	SAMP	LING		F	B		1 1		
Lab I.D.	Sample I		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
	FL 130 @ 4'		С	1		Х				Х	4/3/25		X	X	X		+		+
51	FL 131 @ 4'		С	1		Х				X	4/3/25		X	X	X		+		+
	FL 132 @ 4'		С	1		X	4	4		Х	4/3/25		X	X	X		+		+
	FL 133 @ 4'		С	1		Х		_		Х	4/3/25		X	X	X		+	_	+
54 55	FL 134 @ 4'		С	1		X		1		X	4/3/25		X	X	X		+		+
SU	FL 135 @ 4'		С	1		Х		4		Х	4/3/25		X	X	X		+		+
57	FL 136 @ 4'		С	1		X				Х	4/3/25		X	X	X		+	-	
57 58 59	FL 137 @ 4'		С	1		Х				Х	4/3/25		X	X	X			_	
59	FL 138 @ 4'		С	1		Х				Х	4/3/25		X	X	X		+ +	_	-
100	FL 139 @ 4'		С	1		X				X	4/3/25		X	X	X				

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Relinquished By:	Date: 4-3-25 Rece	Stockionus	Verbal Result:
Relinquished By:		eived By:	REMARKS:
	bserved Temp. °C 5.50	Sample Condition CHECKED BY: Cool Intact (Initial®)	Turnaround Time: Standard Rush  Thermometer ID #140 Correction Factor 9-8°C  Thermometer ID #10 Thermometer ID #10 Thermometer ID #10 Thermometer ID Thermom



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	aboratorie  101 East Marland, Hobbs, NM 882	25									CHAI	N-O	F-CL	JSTOI	DY AND ANA	ALYSIS RE	QUEST Page 7 of 10	Page 103 of 106
Company Name:	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solut	_	nc.		_				BI	LL TO					ANALYSIS	REQUEST	. ago i oi io	
Project Manager							P.0	). #:										1
Address: 261	7 West Marland						Cor	mpar	ıy:	Mewb	ourne							
City: Hobbs	State: NM	Zip	:	88240			Attr	n:		Connor Wal	ker							
	, 110000						Address:											
	(0.0) 20.000							y:					=	B				
,	Chili Verde 23-24 Fed Com 716H						Sta			Zip:		ge	TPH (8015M)	(8021B)				
Project Location							Pho	one #	<b>#</b> :			Chloride	80	(80				
Sampler Name:	Aaron Rios						Fax	(#:				동	I	X				
FOR LAB USE ONLY		T		N	IATRI	X		PRES	SERV.	SAMP	LING	ľ	4	ВТЕХ				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
UI	FL 140 @ 4'	С	1		Х				Х	4/3/25		Х	X	X				$\vdash$
100	FL 141 @ 4'	С	1		Х				X	4/3/25		Х	Х	X				$\vdash$
63	FL 142 @ 4'	С	1		Х				Х	4/3/25		X	X	X		$\rightarrow$		Н
ФЧ	FL 143 @ 4'	С	1		Х				X	4/3/25		Х	Х	X				
45	FL 145 @ 4'	С	1		Х				X	4/3/25		Х	Х	X			+	
QQ	FL 146 @ 4'	С	1		Х	-			Х	4/3/25		X	X	X				+
47	FL 147 @ 4'	С	1		Х	-			X	4/3/25		X	X	X				+
<i>48</i>	FL 148 @ 4'	С	1		Х	-			X	4/3/25		X	X	X				
09	FL 149 @ 4'	С	1		Х	+			X	4/3/25		X	X	X			+ +	+
70	FL 150 @ 4'	С	1		Х				X	4/3/25	w the client for t	X	X	Λ.				

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

affiliates or successors arising out of or related to the performation of the performation of the performation of the performance of the performan	Date: 4-3-25 Time: 1450	Received By:  Shockingues	Verbal Result:
Relinquished By:	Date:	Received By:	REMARKS:
	Observed Temp. °C	Cool Intact (Initials)	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Thermometer ID #140 Correction Factor 48°C + O-3 : No No Corrected Temp. °C



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

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Company Name										BIL	LTO					ANALYSI	S REC	QUEST		
	r: Lance Crenshaw							P.0	. #:					1						15
Address: 261								Cor	npany	r:	Mewbo	ourne								
	200 200 200 200 200 200 200 200 200 200						Attn: Connor Walker													
	ne#: (575) 264-9884 Fax#:					Address:														
Project #: 182	,				rne		City:						<b>\$</b>	B B						
	Chili Verde 23-24 Fed Co							State: Zip:					de	151	(8021B)					1.1
								Pho	one #:				Chloride TPH (8015M) 3TEX (8021B							
Sampler Name:	roject Location: 32.477651, -104.167798  ampler Name: Aaron Rios							Fax					유	Ĭ	ВТЕХ					
FOR LAB USE ONLY				T	- 1	MATR	XIX		PRES	ERV.	SAMP	LING		1	BT					
Lab I.D. H2S1994	Sample I.I	D.	SAB	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:		DATE	TIME								
71	FL 151 @ 4'		С	1		Х			Х		4/3/25		X	Х	X	-	-		-	+
72	FL 152 @ 4'		С	1		X			×		4/3/25		X	X	X	$\rightarrow$	-	++-	+	+
73	FL 153 @ 4'		С	1		Х			>		4/3/25		X	X	X	-	-		-	+
74	FL 154 @ 4'		С	1		Х			)		4/3/25		X	Х	X		+	-	-	_
74	FL 155 @ 4'		С	1		Х			)		4/3/25		X	X	X		+			-
76	FL 156 @ 4'		С	1		Х			)		4/3/25		X	X	X		-		-	+
	FL 157 @ 4'		С	1		Х			)	(	4/3/25		Х	Х	X		-			+
78	FL 158 @ 4'		С	1		Х			)	(	4/3/25		Х	X	X					+
	FL 159 @ 4'		С	1		Х			)	(	4/3/25		X	X	X		_			+
79	FL 160 @ 4'		C	1		Х				(	4/3/25		Х	X	X					

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applications. service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: 450	Received By:  Shodkigum	Verbal Result:
Relinquished By:	Date:	Received By:	REMARKS:
	Observed Temp. °C	5'5 Cool Intact Unitials	Turnaround Time: Standard Rush

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

P	an	10	q	of	1	0	
	al	-	J	v	- 1	v	

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Company Name:	Etech Environmenta	al & Safety Solution	ns, Ir	IC.			BILL TO								ANALYS	IS REC	UEST	 - Ba	
Project Manager	: Lance Crenshaw							P.O. 1	#:										+
Address: 261	7 West Marland							Comp	pany:		Mewbo	ume							
City: Hobbs		State: NM	Zip:	8	88240			Attn:		(	Connor Walk	ter							
	5) 264-9884	Fax #:					_	Addr	ess:										
Project #: 182	28	Project Owner:		M	ewbou	rne		City:						ŝ	(8021B)				П
	Chili Verde 23-24 Fed C	Com 716H						State	0	- 2	Zip:		ge	TPH (8015M)	021				
	n: 32.477651, -104.16							Phon	e #:				Chloride	(8)	8				
Sampler Name:	Aaron Rios							Fax #					1 5	포	втех				
FOR LAB USE ONLY					- 1	MATR	X	P	RESE	RV.	SAMP	LING		=	18				
Lab I.D. H25996	Sample I	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME							
81	FL 161 @ 4'		С	1		X		1	X		4/3/25		X	X	X		-		+
82	FL 162 @ 4'		С	1		Х		1	X		4/3/25		X	X	X	-+	-		+1
83	FL 163 @ 4'		С	1		Х		4	Х		4/3/25		X	X	X		-		+1
84	FL 164 @ 4'		С	1		Х		1	Х	$\Box$	4/3/25		Х	X	X		-	-	+
85	FL 165 @ 4'		С	1		Х		1	X		4/3/25		X	X	X	-	_	-	+
86	FL 166 @ 4'		С	1		X.		-	X		4/3/25		X	X	X		-	++-	+1
87	FL 167 @ 4'		С	1		X		1	X		4/3/25		X	X	X		-		+
87 87 88	FL 168 @ 4'		С	1		Х		-	X	H	4/3/25		X	X	X		-		+
89	FL 169 @ 4'		С	1		X		1	X		4/3/25		X	X	X		-		+
90	FL 170 @ 4'		С	1		Х		$\perp$	X		4/3/25		X	X	X				

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affiliates or successors arising out of or related to the performant	Date: 43-25 Time:	Received By:	2	Verbal Result:  Yes  No Add'l Phone #:  All Results are emailed. Please provide Email address:  pm@etechenv.com	
Relinquished By:	Date:	Received By:		REMARKS:	
	Observed Temp. °C	5 - 5. Cool Intact	(Initials)	Turnaround Time: Standard Rush  Thermometer ID #140 Correction Factor - 9.6°C TO - 3 C Standard Rush  Bacteria (only) Sample Condition  Cool Intact Observed To - 3 C Standard Rush  No No No Corrected To	emp. °C

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Released to Imaging: 8/4/2025 11:17:27 AM

Company Name								- 8			BIL	LTO					ANA	LYSIS	REC	QUEST			
Project Manager	: Lance Crenshaw							F	.O. #	<b>#</b> :													
Address: 261	7 West Marland							Company: Mewbourne															
City: Hobbs		State: NM	Zip:	. 8	8240	0		A	ttn:		(	Connor Wall	ker										
	5) 264-9884	Fax #:						A	ddre	ess:													
Project #: 182	28	Project Owner:		M	ewbo	urne			city:						5	a a							
Project Name:	Chili Verde 23-24 Fed C	Com 716H							State: Zip:					(8015M)									
Project Location	n: 32.477651, -104.16	7798					City:   State: Zip:   Phone #:   Fax #:   SAMPLING   SAMPLING																
Sampler Name:	ampler Name: Aaron Rios						_	Fax #:		x #: PRESERV.			5	포	ВТЕХ								
FOR LAB USE ONLY			n.			MAT	RIX		PF	RESE	RV.	SAMP	LING		F	B							
Lab I.D.	Sample I		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME										
91	FL 171 @ 4'		С	1		Х			1	X		4/3/25		Х	X	X		-	-	-		-	$\rightarrow$
91 93 93	FL 172 @ 4'		С	1	4	Х			+	Х	$\Box$	4/3/25		X	X	X	_	+	-	+-	-		-
93	FL 173 @ 4'		С	1	1	Х			+	X	-	4/3/25		X	X	X	_	-	+	+		-	-
94	FL 174 @ 4'		С	1	+	Х			+	X	$\mathbb{H}$	4/3/25		X	X	X	_	+-	+	+			-
				Н	+	+			+	+	Н			$\vdash$		+	_			+			_
				Н	+	+			+	+	$\forall$					+	_	+					
				Н					+	+	+								1				
				Н					1	+	$\Box$												
			-	Н	-	+			-	-	-			1									

affiliates or successors arising out of or related to the perform Relinquished By:	ance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above the services here	Verbal Result:
Relinquished By:	Date: Received By:	) REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C S Sample Condition CHECKE Corrected Temp. °C S & Sample Condition Cool Intact (Initial No	Duck Chart Cheered Town C



April 10, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/04/25 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Tax

04/04/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 144 @ 4' (H252024-01)

Received:

BTEX 8021B

DILX 0021D	ilig	/ Ng	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2025	ND	2.04	102	2.00	0.692	
Toluene*	<0.050	0.050	04/08/2025	ND	1.93	96.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	04/08/2025	ND	2.02	101	2.00	0.103	
Total Xylenes*	<0.150	0.150	04/08/2025	ND	6.39	106	6.00	0.564	
Total BTEX	<0.300	0.300	04/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/08/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	202	101	200	2.87	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	205	102	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	92.7	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### **Notes and Definitions**

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

ecovery.

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

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Celeg D. Freene



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

City: Hobbs	West Mariand 264-9884	State: NM Fax #:	Zip	:	8824			+	.0.	_									1			T	
City: Hobbs Phone #: (575)	264-9884 8	Fax #:	Zip	:	8824			c										- 1		1 1			1
Phone #: (575)	8	Fax #:	Zip	:	8824				omp	any	:	Mewt	ourne										
	8				0027	0		A	ttn:			Connor Wa	lker										
Project # 1822								A	ddre	ess:													
TOJECE W. TOZZE		Project Owner:		N	lewb	ourne	Э	c	ity:						=	<u>@</u>			1		- 1		
Project Name: C	chili Verde 23-24 Fed C	Com 716H						s	tate:			Zip:		98	TPH (8015M)	(8021B)							
Project Location:	32.477651, -104.16	7798						P	hone	e #:				Chloride	80	8							
Sampler Name:	Aaron Rios							F	ax#	_				등	Ĭ	ВТЕХ							
FOR LAB USE ONLY				П		MA	TRIX	-	PR	RESE	RV.	SAME	PLING		1	BT							
Lab I.D.	Sample I.	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTUED	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
	L 144 @ 4'		C	1		X			T	X	Ĭ	4/4/25		Х	Х	х							T
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malyses. All claims including tervice. In no event shall Card	Darnages. Cardinal's liability and clier those for negligence and any other ca final be liable for incidental or consequent out of or retated to the performance of	nuse whatsoever shall be deer puental damages, including will of services hereunder by Card	med w thout it inat, re	nived u mitation gardies	niess mo n, busine	nde in w es inter ether su	riting and ruptions,	loes of	ed by C	loss of	l within profits	30 days after co incurred by clien we stated reason	inplotion of the a it, its subsidiaries	pplicable	☐ Ye		No A	dd'l Phone					

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Relinquished By: Relinquished By:	Date: Received	By:	Verbal Result: ☐ Yes ☐ No All Results are emailed. Please provide	Add'l Phone #: de Email address: om@etechenv.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 8-3	Sample Condition Cool Intact Pes Pes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor #6.6°C # 0 8 5	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C
FORM-006 R 3.5 08/05/24	† Cardinal cann	ot accept verbal changes. Please	email changes to celey.keene@cardin	allabsnm.com



April 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/10/25 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

A ..... I ..... . J D. ... 711

Received: 04/10/2025 Reported: 04/11/2025 Sampling Date: 04/09/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H
Project Number: 18228

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 70 @ 5' (H252132-01)

BTEX 8021B	<u> </u>		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	04/10/2025	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	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.7	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Fax To:

Received: 04/10/2025 Sampling Date: 04/09/2025

Reported: 04/11/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 71 @ 5' (H252132-02)

Analyte Result Reporting Lim		'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	04/10/2025	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	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 04/10/2025 Sampling Date: 04/09/2025

Reported: 04/11/2025 Sampling Type: Soil
Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 75 @ 5' (H252132-03)

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	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/10/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	82.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

### Cardinal Laboratories

\*=Accredited Analyte

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Mile Sough



#### Analytical Results For:

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

Fax To:

Received: 04/10/2025 Sampling Date: 04/09/2025

Reported: 04/11/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 80 @ 5' (H252132-04)

BTEX 8021B	<u> </u>		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	04/10/2025	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	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

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Mile Sough

Received by OCD: 7/23/2025



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

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

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Lance Crenshaw						100		Di	LL TO					ANALYSIS	NEG	UESI		
Lance Crensnaw						P.	O. #:								T			
West Marland						Co	ompa	any:	SEE RE	MARKS								
State: NM	Zip	:	8824	40		At	tn:											
264-9884 Fax #:						Ad	dres	ss:										
Project Owner:		1	Mewb	ourne		Ci	ty:					=	<u>@</u>					
hili Verde 23-24 Fed Com 716H						St	ate:		Zip:		용	151	21					
32.477651, -104.167798						Pł	one	#:			ori.	80	8					
Aaron Rios						Fa					딍	Ŧ	M					
	٥.			MAT	RIX	_	PRI	ESERV.	SAME	PLING	1	표	<u>a</u>					
Sample I.D.	AB OR (C)	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL r	DATE	TIME								
L 70 @ 5'	С	1		X				Х	4/9/25		Х	Х	Х					
L 71 @ 5'	С	1		X				Х	4/9/25		Х	Х	х					
L 75 @ 5'	С	1		-		_		X	4/9/25		Х	Х	Х					
L 80 @ 5'	С	1		X				X	4/9/25		Х	Х	Х					
	-																	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	State: NM 264-9884 Fax #: 3 Project Owner: hill Verde 23-24 Fed Com 716H 32.477651, -104.167798 Aaron Rios  Sample I.D.  L 70 @ 5' L 71 @ 5' L 75 @ 5' L 80 @ 5'	State: NM Zip   264-9884   Fax #:	State: NM Zip:   264-9884   Fax #:	State: NM Zip: 8824	State: NM Zip: 88240   264-9884   Fax #:	State: NM Zip: 88240	State: NM Zip: 88240   At	State: NM Zip: 88240   Attn: 264-9884   Fax #:   Address   Addre	State: NM Zip: 88240   Attn:	State: NM Zip: 88240   Attn:	State   NM   Zip   88240   Attn:   Address   Address	State: NM   Zip: 88240   Attn:	State: NM   Zip:   88240   Attn:   Address:   Address:   Address:   S   Project Owner:   Mewbourne   City:   State:   Zip:   Phone #:   Aaron Rios   Fax #:   Address:   Zip:   Phone #:   Fax #:   Address:   Zip:   Phone #:   Aaron Rios   Fax #:   PRESERV.   SAMPLING   Sample I.D.   Sample I.D.	State: NM Zip: 88240   Attn:   Address:   State: NM Zip: 88240   Attn:   Address:   State: NM Zip: 88240   Attn:   Address:   State: Zip:   State: Zip:	State: NM   Zip: 88240   Attn:	State: NM Zip: 88240   Attn:   Address:   Address:	State: NM Zip: 88240   Attn:   Address:   See Remarks   Address:   See Project Owner:   Mewbourne   City:   State:   Zip:   Society   Society	State: NM Zip: 83240   Attn:   Address:   Address:

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affiliates or successors arising out of or related to the perform	ance of services hereunder by Card	final, regardless of whether such claim is based up	on any of the above stated rea	sons or otherwise.
Relinguished By: /	Date:	Received By:		Verbal Result: ☐ Yes ☐ No Add'l Phone #:
May hu	10.35 Time:	apaus		All Results are emailed. Please provide Email address:  pm@etechenv.com
Relinguished By:	Date:	Received By:		REMARKS:
	Time:			24 Hour Rush - Bill analytical to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.
	Observed Temp. °C		CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C_	7.2 Yes Yes	AP	Thermometer ID #140  Correction Factor -0.6°C +03°   No   No   Corrected Temp. °C



April 14, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/11/25 8:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 04/11/2025 Sampling Date: 04/09/2025

Reported: 04/14/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.477651-104.167798

mg/kg

#### Sample ID: FL 162 @ 5' (H252160-01)

BTEX 8021B

DILX 6021D	ilig	/ Ng	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23	
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77	
Total BTEX	<0.300	0.300	04/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	04/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



mpany Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solution		nc.				П			B	ILL TO					ANALYS	IS RE	QUEST	1 age	1 of 1	Dage / of
oject Manage	r: Lance Crenshaw							P.O.	#:												Γ
dress: 261	17 West Marland							Com	ipa	ny:	SEE RE	MARKS									
y: Hobbs	State: NM	Zip		3824	0			Attn	:												
one #: (57	5) 264-9884 Fax #:							Add	res	s:											
ject #: 182	Project Owner	:	N	ewbo	urne	9		City						5	B B						
ject Name:	Chili Verde 23-24 Fed Com 716H							Stat	e:		Zip:		de	15	021						
ject Location	n: 32.477651, -104.167798							Pho	ne	#:			Chloride	80	8						
npler Name:	Aaron Rios	_	_				_	Fax					5	TPH (8015M)	BTEX (8021B)						
R LAB USE ONLY		۵.	1		MA	TRIX	(	-	RE	SERV	. SAM	PLING		=	B						
L <b>ab I.D.</b>	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER X SOIL OIL SLUDGE																		
-	FL 162 @ 5'	С	1		X					X	4/9/25		Х	Х	Х		7				
										+							+				
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	and Damages. Cardinal's liability and client's exclusive remedy for ar ling those for negligence and any other cause whatsoever shall be de																				
ce. In no event shall of stes or successors aris linquished B	Cardinal be liable for incidental or consequental damages, including ining out of or related to the performance of services hereunder by Cardinal C	without I	gardle	busine s of whe	ss inter ther su	muption	ns, loss	of use	or lo	oss of pro	ofits incurred by clie	nt, its subsidiaries on otherwise.  Verbal Re All Results  REMARK	sult: s are er	mailed.	Please	provide Email add pm@eteche	ress: nv.com				
Mahra Time: 0821 Stockion						u	U	1		1	Verbal Result:										

Relinquished By:	Date:	Received By:		Verbal Result:	Add'l Phone #: de Email address:  m@etechenv.com
Relinquished By:	Date:	Received By:		REMARKS: 24 Hour Rush - Bill analytical to Mewb 6/O Lance Crenshaw.	oourne C/O Connor Walker and rush charges to Etech
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C_ Corrected Temp. °C_	Cool Intact	(Initials)	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.6°C + 10.3°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



April 25, 2025

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

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/21/25 15:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

A ..... I ..... . J D. ... 711

Received: 04/21/2025

04/25/2025

Project Name: CHILI VERDE 23/24 FED COM 716 H

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

Sampling Date: 04/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FL 173 (H252368-01)

Reported:

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	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	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	04/23/2025	ND	221	111	200	3.80	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	216	108	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/21/2025 Sampling Date: 04/21/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 174 (H252368-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	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	04/23/2025	ND	221	111	200	3.80	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	216	108	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.9	% 40.6-15	3						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/21/2025 Sampling Date: 04/21/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 175 (H252368-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	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	04/23/2025	ND	221	111	200	3.80	
DRO >C10-C28*	<10.0	10.0	04/23/2025	ND	216	108	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2025	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.3	% 40.6-15	3						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 04/21/2025 Reported: 04/25/2025 Sampling Date: 04/21/2025 Sampling Type: Soil

Project Name:

CHILI VERDE 23/24 FED COM 716 H

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 18228

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: FL 176 (H252368-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	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	04/22/2025	ND	223	112	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	214	107	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	94.4	% 40.6-15	3						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/21/2025 Sampling Date: 04/21/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 177 (H252368-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/23/2025	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	04/22/2025	ND	223	112	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	214	107	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.5	% 40.6-15	3						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 04/21/2025 Sampling Date: 04/21/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.477651-104.167798

ma/ka

#### Sample ID: FL 178 (H252368-06)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/23/2025	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	04/22/2025	ND	223	112	200	0.476	
DRO >C10-C28*	10.9	10.0	04/22/2025	ND	214	107	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Received by OCD: 7/23/2025 7:54:19 AM



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

101 Fast Marland Hobbs NM 88240

Company Name		X (575) 393-247 al & Safety Solutio	_	Inc							PI	LLTO				-		ANAI	Vele	DEC	QUEST		Page 1	
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							_	- 1	_					ł										
	7 West Marland			_			•	_		pany		Mewt		1										
City: Hobbs		State: NM	Zip	:	8824	0	_	-1	Attn:			Connor Wa	ker	1										
	5) 264-9884	Fax #:						-1	-	ess:				1										
Project #: 182	28	Project Owner:		-	lewbo	ourne		_	City:						E	0								
Project Name:	Chili Verde 23-24 Fed (	Com 716H							State	:		Zip:		윤	15	021	1							
Project Location	1: 32.477651, -104.16	37798						_	hor	e #:				Chloride	TPH (8015M)	BTEX (8021B)			1					١
Sampler Name:	Aaron Rios							_	ax i	-		:		등	I	X	1				1			
FOR LAB USE ONLY						MAT	RIX		P	RESE	RV.	SAME	LING	1	1	BT		1						
Lab I.D.	Sample I	.D.	AB OR (C)OMP.	# CONTAINERS	GROUNDWATER			SLUDGE	OTHER:	ICE / COOL	ER:													
1252348			(G)RAB	00 #	GRO	- 47	등	SLUC	D S	_	OTHER	DATE	TIME				_		_					L
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	FL 176		С	1	-	X			+	X		4/21/25		Х	X	X	-	-	-	-			$\vdash$	1
	FL 177		С	1		X		-	+	X	$\vdash$	4/21/25		Х	X	Х	-	-	-		-			1
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	ng those for negligence and any other c ardinal be liable for incidental or conse																							
	ng out of or related to the performance	of services hereunder by Card	iinat, re	gardic		ther med						ove stated reason			T Ve	е П	No	Add'l	Phone t					 _
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April 25, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHILI VERDE 23/24 FED COM 716 H

Enclosed are the results of analyses for samples received by the laboratory on 04/21/25 15:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 04/21/2025 Sampling Date: 04/21/2025

Reported: 04/25/2025 Sampling Type: Soil

Project Name: CHILI VERDE 23/24 FED COM 716 H Sampling Condition: Cool & Intact
Project Number: 18228 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: MEWBOURNE 32.477651-104.167798

#### Sample ID: BACKFILL (H252371-01)

DTEV 0021D

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	04/24/2025	ND	1.76	88.0	2.00	12.6	
Toluene*	<0.050	0.050	04/24/2025	ND	1.79	89.6	2.00	16.1	
Ethylbenzene*	<0.050	0.050	04/24/2025	ND	1.87	93.6	2.00	19.0	
Total Xylenes*	<0.150	0.150	04/24/2025	ND	5.71	95.1	6.00	19.6	
Total BTEX	<0.300	0.300	04/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/23/2025	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	04/22/2025	ND	223	112	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	214	107	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



Company Name:		ions,	Inc.							BI	LL TO					ANAL	YSIS	REQUES	T			_
Project Manager							-1	P.O.					-						1			
	7 West Marland			000				Com		<i> </i> :	Mewb		1									'
City: Hobbs	State: NM	Zip	<b>)</b> :	8824	ŀU			Attn:			Connor Wa	iker	1									
	5) 264-9884 Fax #:			A A				Addr					1									
Project #: 182		r:		Newb	ourn	e		City:			7:			TPH (8015M)	BTEX (8021B)							
	Chili Verde 23-24 Fed Com 716H							State			Zip:		Ë	2	802							
Project Location	32.477651, -104.167798 Aaron Rios						_	Phor Fax i					Chloride	8	×							
FOR LAB USE ONLY	Aaron Rios	T	Т		MA	TRIX	-		RES	ERV.	SAMP	LING	0	4	1							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME										
	Backfill	С	1		X				X		4/21/25		Х	X	Х							
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Relinguished By:

Date:

Received By:

REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Received by OCD: 7/23/2025 7:54:19 AM

Time: Observed Temp. °C Corrected Temp. °C

Sample Condition Cool Intact Yes Yes

CHECKED BY: (Initials)

Turnaround Time:

Thermometer ID #140 Correction Factor -0.6°C

Standard

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

Yes Yes

Corrected Temp. °C



June 20, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: APOLLO CHILI VERDE WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/19/25 14:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/20/2025 Sampling Type: Soil

Project Name: APOLLO CHILI VERDE WATER TRANSFEF Sampling Condition: Cool & Intact Project Number: 18228 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE (32.4780968,-104.1706733

#### Sample ID: EW 12 D (H253676-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2025	ND	2.13	106	2.00	4.60	
Toluene*	<0.050	0.050	06/19/2025	ND	1.90	95.2	2.00	2.58	
Ethylbenzene*	<0.050	0.050	06/19/2025	ND	1.94	97.2	2.00	0.925	
Total Xylenes*	<0.150	0.150	06/19/2025	ND	6.03	101	6.00	0.479	
Total BTEX	<0.300	0.300	06/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/20/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2025	ND	201	100	200	2.80	
DRO >C10-C28*	<10.0	10.0	06/19/2025	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	06/19/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene



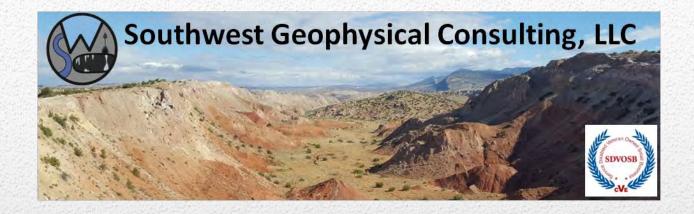
#### **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety Solutions, Inc.			BILL TO			ANALYSIS REQUEST										
Project Manager: Lance Crenshaw				P.O. #:											$\Box$	
Address: 261	7 West Marland			Company: SEE REMARKS			EMARKS									
City: Hobbs	State:	M Zip: 88240		Attn:												
Phone #: (575) 264-9884			Address:													
Project #: 182	28 Project Ov	ner: Mewbourne Oil	Company	City:					=	m l						
roject Name:	Apollo Chile Verde Water Transfer L				State: Zip:			g	TPH (8015M)	121						
Project Location: 32.4780968, -104.1706733			Phone #:		Chloride	80	(8021B)									
Sampler Name: Martin Sepulveda				Fax #:			동	I	ВТЕХ							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER	ATRIX OIL SUITE		ICE / COOL	DATE	PLING		T	ВТ						
	EW 12 D		X		Х	6/18/25		Х	Х	Х						
LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy g those for negligence and any other cause whatsoever shall	for any claim arising whether based be deemed waived unless made in	in contract or to writing and rece	ort, shall be	limited to the	e amount paid by 30 days after con	the client for the mpletion of the app	licable								
ervice. In no event shall Ca	ardinal be liable for incidental or consequental damages, inchig out of or related to the performance of services hereunder  Date:  (2 ) (2 )  Time:  145	ding without limitation, business into y Cardinal, regardless of whether s Received By:	erruptions, loss such claim is ba	of use, or i sed upon a	oss of profits	incurred by client	L its subsidiaries, s or otherwise.  Verbal Real Results  REMARKS 24H Rus	sult: are en	nailed.	ytical ch	pm@ete	Mewb	com ourne C/O	Connor	Walker a	ınd
Delivered By: (C		°C C 1- FIY	le Condition Intact Yes Yes			(ED BY:	Turnaroun Thermomete	d Time	140	Standard Rush		Bacteri Cool I	ia (only) Samp ntact Ot Yes	ole Conditi oserved Te orrected Te	mp. °C	

amiliates or successors ansing out of or related to the performant	ce of services fieredired by Cardinal, regar	argress of whether such claim is based upon	arry of the above stated reason	and of outermod.
Relinguished By:	Date: Rece	ceived By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #:
1/1/1	Le 19-25			All Results are emailed. Please provide Email address:
10/4/1 /10	T1	_		pm@etechenv.com
11/WW WW	1452 (	aparas		
Relinguished By:	Date: Rec	eived By:		REMARKS:
				24H Rush - Bill analytical charges to Mewbourne C/O Connor Walker and
	Time:			
	Time.			rush charges to Etech C/O Lance Crenshaw.
Delivered By: (Circle One)	Observed Temp. °C -8-4	<ul> <li>Sample Condition</li> </ul>	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
20110102 27: (211310 0110)	-8.4	Coel Intact	(Initials)	Rush X Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C_S.13		00	Thermometer ID #140
Campier of C - Duo Guier.	-0.14		(n)	0

### Appendix E Karst Study Report



# Environmental Karst Study Report Chile Verde Flats Release Eddy County, New Mexico

**Prepared For:** 

SWCA Environmental Consultants 7770 Jefferson Street NE, Suite 410 Albuquerque, NM 87109

☐ Positive within 200 feet of release footprint

**☑** Negative within 200 feet of release footprint

☐ Karst Monitor Recommended

May 12, 2024

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#### **MMXXIV**

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#### 1.0 INTRODUCTION

This report was commissioned by SWCA Environmental Consultants, Inc. (hereinafter referred to as "the client"), on February 22, 2024, for the purpose of conducting an environmental karst study within an area encompassing the Chile Verde Flats release site (hereinafter termed "CVFR") centered at N 32.477152° W 104.168743°.

#### 1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 61 meters (200 feet) of the spill delineation boundary as defined by 19.15.29.12 NMAC and to determine whether stable ground exists within the spill boundary of the Chile Verde Flats release using electrical resistivity imaging to determining stable ground as defined by 19.15.2 NMAC Definitions<sup>[1,2]</sup>.

#### 1.2 Summary of Findings

No surface karst features exist within the 200-foot (61-meter) zone surrounding the spill delineation boundary provided by the client. No anomalies consistent with air- or water-filled voids were found within the CVFR survey area, indicating the zone beneath the geophysical survey is stable.

The lack of surface karst features does not mean the area is not karstified and the study area may still contain buried karst features outside of the areas where the geophysical survey was conducted. Caution should be exercised during any remediation operations. Employing a Bureau of Land Management approved karst monitor on site during remediation should be considered.

#### 1.3 Affected Environment

The CVFR project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region.

Karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The three primary concerns in these types of terrain are environmental issues, worker safety, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers<sup>[3]</sup>. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **HIGH** karst occurrence zone<sup>[4]</sup> (**Figure 1**).

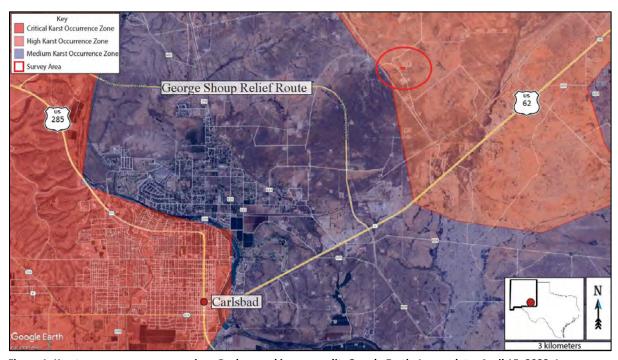


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat<sup>[3]</sup>.

Each location within a CKOZ or HKOZ must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development.

#### 1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of SWCA Environmental Consultants, Inc. in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be considered.

To the best of our knowledge, information contained in this report is accurate at the date of issue. Due to the nature of karst terrain the information in this report shall not be used beyond three years past the date of the field work provided in section **2.3.1 Surface Karst Inventory**.

#### 2.0 LOCATION AND DESCRIPTION OF STUDY AREA

#### 2.1 Description of Site

The site is located 8.7 kilometers (5.4 miles) northeast of Carlsbad, New Mexico, between Rains Road, the George Shoup Relief Route, and U.S. Highway 62 in an area known as the Alacran Hills. The study area is located within the SW ¼ section of section 14 and the SE ¼ section of section 15 of NM T21S R27E<sup>[5]</sup> (**Figure 1** and **Figure 2**). The region has flat to rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock<sup>[6]</sup> (see section *2.2 Local Geology* for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January<sup>[7]</sup>. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map<sup>[8]</sup> and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The entire survey site is located within a BLM-CFO designated HKOZ<sup>[4]</sup> (**Figure 1**), and within BLM-CFO managed land<sup>[9]</sup> (**Figure 2**).



Figure 2: Land ownership<sup>[9]</sup> and PLSS<sup>[5]</sup> overview. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

#### 2.2 Local Geology

The site for the CVFR survey is located at an elevation of 989 meters (3,245 feet),  $\pm$  3 meters (9.8 feet), and is located within a region entirely underlain by the Permian Salado Formation (PsI) and Permian Artesia Group (Pat, not shown in the below image as it does not outcrop in this area). The area is mantled by thin gypsiferous soils (gypsite), Quaternary aeolian sands (Qe), and Quaternary piedmont gravels (Qp)<sup>[10]</sup> up to 5 meters in depth (**Figure 3**).

The Salado Formation (PsI) is a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface<sup>[11]</sup>.

The Artesia Group consists of the Greyburg and Queen Formations (Pqg), the Seven Rivers Formation (Psr), the Yates Formation (Py), and the Tansill Formation (Pt)<sup>[12]</sup>. At this location, it is most likely that the undivided Yates and Tansill Formations immediately underlie the Quaternary units.

The Tansill Formation is mostly carbonate with minor siltstone and anhydrite. East of Highway 285 and along the Pecos River, the Tansill is predominantly dolomite. In places where the dolomitic beds are exposed, the contact with the overlying Salado gypsum and siltstone can also be seen. Both of the dolomitic and gypsiferous facies in the Tansill are prone to karst development<sup>[12]</sup>.

The Yates Formation is dominated by a quartz-rich, frosted-sandstone facies with minor carbonate, anhydrite, and siltstone. Northwest of Carlsbad, there is a near-reef facies with inter-tongued carbonates and evaporites. The lower section of the Yates transitions with the upper portion of the Seven Rivers. This area consists of dolomite, interbedded with siltstone, fine-grained sandstone, and minor gypsiferous siltstone beds that are prone to karst development<sup>[12]</sup>.

The Seven Rivers Formation consists of dolomite, dolomitic limestone, and thickly bedded anhydrite. From north to south, the Seven Rivers transitions from an evaporite facies to a basin facies near the reef escarpment. This facies is prone to karst formation, especially along the contact with the Capitan Reef Front further to the south<sup>[12]</sup>.

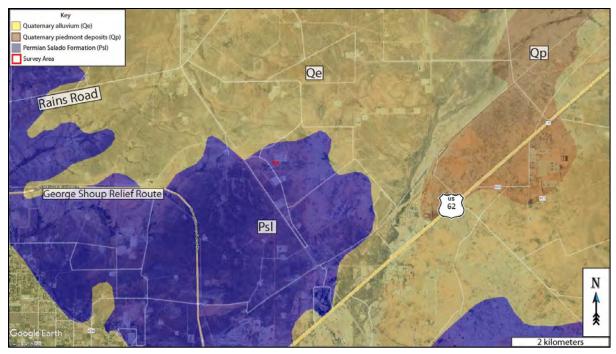


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format<sup>[13]</sup>. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

The Seven Rivers overlies the Permian Queen Formation, a calcite rich siliciclastic unit<sup>[12]</sup>. Beneath the Queen lies the Greyburg, a dolomitic limestone. Neither of these units are close enough to the surface to be of concern at this location.

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale<sup>[10]</sup>.

#### 2.3 Description of Survey

#### 2.3.1 Surface Karst Inventory

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using drones that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

Aerial karst surveys are conducted at low elevation following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 4**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by a highly qualified karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report<sup>[14]</sup>.



Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 21, 2019. Datum: WGS-84.

Resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they impact the facility's location. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery<sup>[15]</sup>.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on March 14, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on March 28, 2024.

Prior to conducting the aerial karst survey, a surface karst desk study was performed by Southwest Geophysical Consulting within 305 meters (1,000 feet) of the spill delineation boundary. The study was performed using satellite and aerial imagery from Google Earth Pro dated April 2, 2023 (please note features less than one meter in diameter are generally not visible using this method), the Southwest Geophysical Cave and Karst Database dated January 24, 2024, and the Carlsbad East, NM, 1:24,000 quad, 1985, USGS topographic map. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

# No surface karst features are located within 200 feet (61 meters) of the CVFR spill delineation boundary<sup>[2]</sup>.

Additionally, there are no surface karst features within the 200-meter aerial karst survey area. The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations. Employing a Bureau of Land Management approved karst monitor on site during these operations should be considered.

#### 2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multielectrode switchbox, a 28-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of two resistivity lines in a dipole-dipole strong gradient configuration; CVFR01 is laid out northwest to southeast and CVFR02 is laid out southwest to northeast. Both lines consisted of 28 electrodes at 3-meter spacing, resulting in 81-meter-long arrays. (**Figure 5**, **Table 1**, and **APPENDIX 7.2**). A preconfigured command file was used to run the data collection (DDSG28). This electrode configuration provided a depth of investigation of 16 meters (53 feet) and a resolution of 1.5 to 2 meters (4.9 to 6.6 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.



Figure 5: Survey overview. Two survey lines (denoted with white numbers) were conducted with 28 electrodes each at 3-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

APPENDIX 7.2 provides a detailed list of each electrode number, location in latitude/ longitude (decimal degree format), and elevation in meters. EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations (Table 2). NOTE: Due to the proximity and orientation of infrastructure the resistivity survey could not be conducted on the west end (pipeline) or the east end (tank battery). The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable ground" at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or  $\Omega$ -m) and a max apparent resistivity set to 100,000  $\Omega$ -m (**Table 2**).

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on April 24, 2024.

#### 3.0 RESULTS

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 6**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a well-layered geologic system with resistivities between 5 and 150 Ohm-m with occasional areas of up to 700 Ohm-m (**Figure 6**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

One area of higher-than-average resistivity exists under line CVFR01. Areas of lower-than-average resistivity (4.5 to 5.5 Ohm-m) exist both at the surface and at depth within the survey area (**Figure 6**).

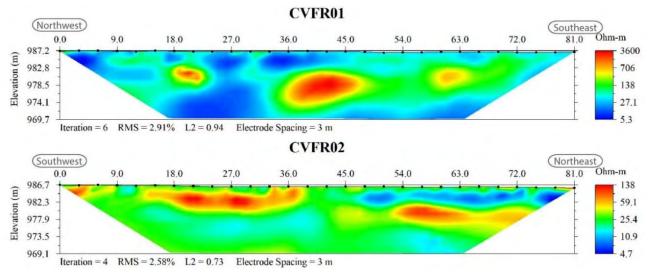


Figure 6: 2D inverted resistivity section. Reds and oranges indicate higher resistivity values. Yellows and greens are medium resistivity values. Blues are low resistivity values. Please note that the color scale is relative, and that even the highest values in these sections are lower than what is typically seen in the region.

#### 4.0 DISCUSSION

No anomalies consistent with large (greater than 2-meter diameter) air- or water-filled voids are found within the CVFR survey area. Small solutionally enlarged voids or fractures at or near the resolution limit of the survey (1.5 - 2.0 meters) may be present. The higher-than-average resistivity area located underneath line CVFR01 is interpreted to be either a more resistant sandstone layer, possibly an old river channel, or a lens of dry halite. Other slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils. Due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts. Areas of moderate resistivity (reds, yellows, and greens) near the surface are interpreted as dry caliche soils and gypsum bedrock of the Artesia Group<sup>[16]</sup> (**Figure 6** and **Figure 7**).

Low resistivity areas between 5 - 15 Ohm-m may either represent fluid from the brine release, moist to saturated subsurface remnants of the Salado Formation, or a layer of either clays and halite lenses or moist or saturated layers within the Artesia Group.

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. They remain interpretations until verified by geotechnical methods.



Figure 7: Data overlay. Colored trapezoids are 2D inverted resistivity lines. Background image credit: Google Earth. Image date: April 15, 2023.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (1.5 – 2.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work. Employing a BLM-CFO approved karst monitor on site during activities in this area should be considered.

#### 5.0 RECOMMENDATIONS

- The CVFR survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary and no shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators.
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

#### 6.0 Disclosure Statement

High karst occurrence zones are prone to rapid karst formation and warrants careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO-approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive

caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm nm karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

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#### 7.0 APPENDICES

#### 7.1 Glossary of Terms

ACEC Area of Critical Environmental Concern

AGI Advanced Geosciences Inc.

BLM-CFO Bureau of Land Management - Carlsbad Field Office

brecciated Fractured rock caused by faulting or collapse.

caprock-collapse sinkhole Collapse of roof-spanning rock into a cave or void.

cave Natural opening at the surface large enough for a person to enter.

cover-collapse sinkhole Collapse of roof-spanning soil or clay ground cover into a subsurface void.

ERI Electrical Resistivity Imaging
GPS Global Positioning System

grike A solutionally enlarged, vertical, or sub-vertical joint or fracture.

(H) High confidence modifier for a PKF. This is typically reserved for a

feature that is definitely karst but has not been confirmed in the field.

HKOZ High Karst Occurrence Zone

InSAR Interferometric Synthetic Aperture Radar. A method by which radar

signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding.

karst A landscape containing solutional features such as caves, sinkholes,

swallets, and springs.

(L) Low confidence modifier for a PKF. This is typically a feature that

cannot be ruled out as karst but is most likely NOT karst related.

This modifier may also be used for pseudokarst features.

LED Locally enclosed depression. A natural depression on the surface that

collects rainwater. Some contain swallets and/or caves, others do not.

(M) Medium confidence modifier for PKF. This is an ambiguous feature

that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).

MKOZ Medium Karst Occurrence Zone
NCRC National Cave Rescue Commission

NKF Non-karst feature. Used for features originally identified as PKF that

have been subsequently identified in the field as non-karst related.

This term may also be used for pseudokarst features.

NMSLO New Mexico State Land Office

Ohm-m Ohm-meter, a unit of measurement for resistivity. Sometimes

abbreviated  $\Omega$ -m.

paleokarst Previously formed karst features that have been filled in by erosion

and/or deposition of minerals.

Pat Permian Artesia Group Pc **Permian Capitan Formation** Pcs Permian Castile Formation Pdl Permian Dewey Lake Formation

**PKF** Possible karst feature. This term is reserved for features identified

> in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence

levels are based on field experience.

**PLSS Public Land Survey System** 

Permian Queen/Greyburg Formation Pgg

Permian Rustler Formation Pru

Karst-like features (sinkholes, conduits, voids etc.) that are not pseudokarst

> formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.

Psl Permian Salado Formation

Permian Seven Rivers Formation Psr

**Permian Tansill Formation** Pt Py **Permian Yates Formation** Qal Quaternary alluvium

Qe Quaternary eolian deposits Qp Quaternary piedmont deposits Qpl Quaternary playa lake deposits

Recognized karst feature. This term is reserved for karst features **RKF** 

that have been physically verified in the field.

**SKF** Surface Karst Feature

**SPAR Small Party Assisted Rescue** 

suffosion sinkhole Raveling of soil into a pre-existing void or fracture.

swallet A natural opening in the surface, too small for a person, that drains

> water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.

Southwest Geophysical Consulting, LLC

**SWG** 

UTM Universal Transverse Mercator (projected coordinates)

Field verified modifier for a PKF. This indicates that the feature has been (V)

visited by a qualified karst professional in the field and fully identified

WGS World Geodetic System (geographic coordinates)

SWCA-076-20240222 ©2024 18

#### 7.2 Electrode Data

Please see accompanying data files in CVFR\_Electrode\_Points.xlsx and CVFR\_Electrode\_
Points.kmz within file SWCA-076-20240222\_CVFR\_Data\_Files.kmz for detailed information on each electrode location.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files CVFR \_Electrode\_Points.xlsx and SWCA-076-20240222\_CVFR\_Data\_Files.kmz.

File Name:	Completed By:	Date:
CVFR01.kmz		
	Garrett Jorgensen Olague – Senior Field Geologist	
CVFR02.kmz	Britt Bommer – Field Geologist Steven Kesler – Field Geologist	4/24/2024

Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

**Table 2: Software Information and Settings** 

Software Name:	EarthImager <sup>™</sup> 2D				
Version:	2.4.4.649				
Starting Model:	Average Apparent Resistivity				
Default Inversion Settings:	Surface				
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m				
	Min Apparent Resistivity = 0.1 Ω-m				

#### 8.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist Southwest Geophysical Consulting, LLC 5117 Fairfax Dr. NW Albuquerque, NM 87114 <a href="mailto:dave@swgeophys.com">dave@swgeophys.com</a> (505) 585-2550

#### **CERTIFICATE OF AUTHOR**

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a
  Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy
  and operated, maintained, and installed various sensor systems including magnetic,
  electromagnetic, radar, communications, and acoustic systems in various capacities from
  1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard (currently in review). I meet the definition of "qualified professional" for the purposes of ASTM E-1527.
- I am responsible for the content, compilation, and editing of all sections of report number SWCA-076-20240222 entitled, "Environmental Karst Study Report, Chile Verde Flats Release, Eddy County, New Mexico." I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site on the date or dates mentioned in section 2.3 Description of Survey.

• I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, October 7, 2024.



David D. Decker PhD, CPG-12123



## Appendix F Regulatory Correspondence

From: <u>Lance Crenshaw</u>
To: <u>Enviro, OCD, EMNRD</u>

Cc: <u>Joel Lowry</u>; jbroom@mewbourne.com; Connor Walker; Ben Arguijo

Subject: Confirmation Sampling Notification

Date: Wednesday, July 12, 2023 12:11:47 PM

This email serves as notice that Etech intends to collect excavation confirmation soil samples on July 17, 2023, from the following locations/reportable release sites:

Mewbourne Oil Co – Jennings Riser- nAPP2315760661 Mewbourne Oil Co – Chile Verde Water Transfer Line - nAPP2315849467

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email <a href="mailto:lance@etechenv.com">lance@etechenv.com</a>

Lance Crenshaw
Etech Environmental & Safety Solutions
575-631-2532

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

**Sent:** Friday, January 26, 2024 2:06 PM

To: Connor Walker <cwalker@mewbourne.com>

**Subject:** [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

246270

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2315849467, for the following reasons:

 Variance request is denied. OCD will no longer approve liner installations for contaminant mitigation. Based on depth to groundwater data and the site being situated in a mapped high karst area, the site must be remediated to the most stringent criteria in Table 1.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 246270.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Shelly Wells Environmental Specialist-A 505-469-7520 Shelly Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Wednesday, August 14, 2024 3:31 PM **To:** Connor Walker < cwalker@mewbourne.com>

**Subject:** [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

365571

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2315849467, for the following reasons:

- Remediation plan denied. The OCD does not accept the Environmental Karst Study Report prepared by SWCA Environmental Consultants. Proceed with this project according to high karst remediation standards pursuant to 19.15.29.12(C)4 NMAC.
- Every report submitted to the OCD should be a stand-alone report, containing all data associated with the release. A figure was not included showing the locations of Excavation Samples and Delineation samples.
- Due to this release occurring in a sensitive location, samples will need to be collected from the floor and walls of the excavation every 200 square feet.
   Submit a report to the OCD by 11/12/2024.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 365571.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Shelly Wells Environmental Specialist-A 505-469-7520 Shelly, Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 From: Jeff Broom <<u>jbroom@mewbourne.com</u>>
Date: December 11, 2024 at 1:40:00 PM MST
To: "Morgan, Crisha A" <<u>camorgan@blm.gov</u>>
Cc: Connor Walker <<u>cwalker@mewbourne.com</u>>

Subject: Chile Verde Water Transfer Line (nAPP2315849467) Karst Survey Concurrence

Crisha,

I hope this message finds you well. We are in the process of submitting a variance request to NMOCD regarding the Chile Verde Water Transfer Line (CVFR) release located on BLM-managed land. This area has been identified as a High Karst zone, and Mewbourne has completed a Karst survey in accordance with regulatory requirements.

Recently, NMOCD issued a Karst Potential Occurrence Zones document, which provides guidance on conducting surveys. As part of the approval process, the operator is required to demonstrate that a review of the area has been conducted and that approval has been received from any applicable Federal or State land management agencies, such as BLM or SLO. This is the primary reason we are reaching out to BLM for concurrence, which will be submitted to NMOCD as part of our request.

The results of the Karst survey indicate that there are no significant surface karst features within the 200-foot (61-meter) zone surrounding the spill delineation boundary, as summarized below:

- 1. No surface karst features were found within the 200-foot (61-meter) zone surrounding the spill area.
- 2. No anomalies consistent with air- or water-filled voids were identified, suggesting that the subsurface in the area is stable.

Given these findings, we are requesting your concurrence on the Karst survey, as it is a key component of our variance request to NMOCD. If you would like to review the full survey, I have attached it for your reference.

Please let me know if you have any questions or concerns regarding the survey, or if there are any additional steps we need to take for this request to be processed through the AFMSS system.

Thank you for your attention to this matter, and I look forward to your feedback.

Respectfully,

#### **Jeff Broom**

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

Office: 575.393.5905 ext. 5009

Mobile: 806.202.8358

Email:jbroom@mewbourne.com

From: Connor Walker

To: <u>Ben Arguijo</u>; <u>Joel Lowry</u>; <u>Lance Crenshaw</u>

Cc: <u>Jeff Broom</u>

Subject: FW: [EXTERNAL] FW: [EXT] nAPP2315849467 - Apollo Chile Verde Water Transfer Line - Remediation Summary & Variance Request

Date: Wednesday, February 19, 2025 3:55:10 PM

Attachments: image001.png
Outlook-psidImpi.png

Outlook-xc5sbheu.png

From: Morgan, Crisha A <camorgan@blm.gov>
Sent: Tuesday, February 18, 2025 4:40 PM
To: Jeff Broom <jbroom@mewbourne.com>

Cc: Connor Walker <cwalker@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>; Amos, James A

<jamos@blm.gov>; Trautner, Ellen M <etrautner@blm.gov>

Subject: Re: [EXTERNAL] FW: [EXT] nAPP2315849467 - Apollo Chile Verde Water Transfer Line - Remediation Summary &

Variance Request

#### **Bureau of Land Management**



Mewbourne Team,

I have reviewed this remediation plan and variance request with the BLM Cave/Karst Specialist and Environmental Protection Specialist Supervisor, and we are all on the same page. We have reviewed the surface and geophysical karst survey that has been provided. The BLM approves your variance request for closure to be at NMOCD table 1 requirement for a 10,000 mg/kg closure at this site to preserve the soil structure and ground stability. Top 4 ft will be required to be clean and the liner can remain in place as it has already been set. This approval is based off of the surveys completed, as no cave/karst features are directly impacted and depth to ground water proves to be greater than 50ft.

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

If you have any questions or concerns, please let me know. Have a great day!

Crisha A. Morgan | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned & Idled Well POC Lead Bureau of Land Management | Carlsbad Field Office 620 E. Greene Street Carlsbad, NM 88220 Cell 575-200-8648 | Office 575-234-5987 | camorgan@blm.gov



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From: Jeff Broom <jbroom@mewbourne.com>
Sent: Wednesday, January 15, 2025 1:15 PM
To: Morgan, Crisha A <<u>camorgan@blm.gov</u>>

**Cc:** Connor Walker < cwalker@mewbourne.com >; Lance Crenshaw < lance@etechenv.com >

Subject: [EXTERNAL] FW: [EXT] nAPP2315849467 - Apollo Chile Verde Water Transfer Line - Remediation Summary &

Variance Request

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Crisha,

Please see attached. Hope it helps. Thank you for all of the help.

From: Ben Arguijo < bena@etechenv.com > Sent: Wednesday, October 16, 2024 4:45 PM

**To:** Connor Walker < <a href="mailto:cwalker@mewbourne.com">com</a>; Jeff Broom < <a href="mailto:jbroom@mewbourne.com">jbroom@mewbourne.com</a>>

Cc: Lance Crenshaw < lance@etechenv.com>

Subject: [EXT] nAPP2315849467 - Apollo Chile Verde Water Transfer Line - Remediation Summary & Variance Request

Connor/Jeff,

Attached please find the "Remediation Summary & Variance Request" that has been prepared for the Apollo Chile Verde Water Transfer Line release (nAPP2315849467). Upon your review and approval, the report is ready to be submitted to the NMOCD and BLM.

If you have any questions, comments, or concerns, please do not hesitate to contact me or Lance.

Thank you.

Respect.,

Ben

Ben J. Arguijo

Project Manager

6309 Indiana Ave., Ste. D Lubbock, TX 79413 (432) 813-1592 From: Connor Walker

To: Ben Arguijo; Lance Crenshaw; Jeff Broom; Cesar Rosendo

Subject: FW: [EXT] RE: [EXTERNAL] Chile Verde Updated Work Plan - Updated Karst Survey

**Date:** Friday, June 13, 2025 11:57:42 AM

Attachments: <u>image001.png</u>

From: Connor Walker

**Sent:** Friday, March 28, 2025 12:09 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXT] RE: [EXTERNAL] Chile Verde Updated Work Plan - Updated Karst Survey

Good Afternoon Shelly,

We will get this work scheduled ASAP, we should have a crew out there next week.

If anything comes up in the meantime, please feel free to give me a shout.

Have a great weekend!

Thank you,

Connor Walker

Sr. Engineer Phone: 806-202-5281

Email: <a href="mailto:cwalker@mewbourne.com">cwalker@mewbourne.com</a>



From: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Sent: Friday, March 28, 2025 9:51 AM

**To:** Connor Walker < <a href="mailto:cwalker@mewbourne.com">cwalker@mewbourne.com</a>>

**Cc:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

Subject: [EXT] RE: [EXTERNAL] Chile Verde Updated Work Plan - Updated Karst Survey

Good morning Connor,

The updated karst report that was submitted at the back of the remediation plan that was approved on 11/4/24 is accepted and as such the Table I Closure Criteria for depth to groundwater 51-100 feet will apply. The liner previously installed within the western portion of the excavation must be removed and contamination remediated at FT1, FT3, FT 5-7, FT 10-11,

FT 14-17. Entire release area will need confirmation samples collected representing no more than 400 ft2 from the base of the entire excavation and no more than every 200 ft2 from the sidewalls of the excavation.

Sincerely,

Shelly

Shelly Wells \* Environmental Specialist-Advanced

Environmental Bureau

**EMNRD-Oil Conservation Division** 

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Connor Walker < <a href="mailto:cwalker@mewbourne.com">com</a>>

Sent: Thursday, March 20, 2025 3:08 PM

**To:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Wells, Shelly, EMNRD

<<u>Shelly.Wells@emnrd.nm.gov</u>>

**Subject:** [EXTERNAL] Chile Verde Updated Work Plan - Updated Karst Survey

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mike and Shelly,

Thanks for taking the time to meet today.

Attached is the latest work plan on the Chile Verde, it is actually the same on I submitted back in October. I was correct, the Karst Survey had been updated, however it was not as clear as I would have liked. Going forward if we ever hit an issue like this again where there's updates and this and that, I will make sure they are clearly noticeable.

I am sorry I could not point out the changes in the karst survey during our meeting, but I did a quick review once we hopped off and was able to find the changes. I extracted the original and updated karst surveys from each report and attached them above with all the changes I could find highlighted and with comments. I am pretty confident I found them all, but there could be a few that I missed. It is a little confusing but having them both up on my screen side by side or printed out in front of you with the same page up from each of them makes it a little easier to see where the changes are.

If there are any other issues with the language, please let me know and I can relay to Dr. Decker so

that he can tweak what he needs to. I think we all agree on the geoscience and meat of the report, but we want the language to be agreeable to everyone as well.

Please review when you get a chance and once we are all on the same page, we will excavate the remaining areas, sample, backfill and submit a closure report.

Thank you,

Connor Walker

Sr. Engineer

Phone: 806-202-5281

Email: <u>cwalker@mewbourne.com</u>



**Sent:** Friday, March 28, 2025 1:53 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446686

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/01/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 1:55 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446689

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/02/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:07 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446691

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/03/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:10 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446694

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/04/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:13 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446697

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/07/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:15 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446701

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/08/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:17 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446702

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/09/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:19 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446705

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/10/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Friday, March 28, 2025 2:21 PM

**To:** Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 446707

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/11/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Tuesday, April 15, 2025 4:00 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 452453

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/21/2024 @ 07:00

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios, 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**Sent:** Tuesday, April 15, 2025 4:06 PM

To: Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 452459

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 04/22/2025 @ 07:00

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Aaron Rios 432-701-8602

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

From: OCDOnline@state.nm.us

Sent: Friday, June 13, 2025 3:44 PM

**To:** Jeff Broom

**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 474044

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315849467.

The sampling event is expected to take place:

When: 06/18/2025 @ 07:30

Where: J-15-21S-27E 0 FNL 0 FEL (32.4780968,-104.1706733)

Additional Information: Martin Sepulveda, 432-305-7322

**Additional Instructions:** From the intersection of US-62 and George Shoup Relief Route (GPS: 32.436401, -104.179001), head N on George Shoup Relief Route for 1.17 mi, then E for 0.65 mi, then N for 0.60 mi, then E for 0.62 mi, then NW for 1.12 mi, then NE for 0.13 mi to arrive at the Chili Verde 23-24 Fed Com 716H release area (GPS: 32.477651, -104.167798).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

### Appendix G Revegetation Form



2617 W. Marland Hobbs, NM 88240 Office: (575) 964-2880

### **REVEGETATION FORM**

### 1. General Information

Site name:	Apollo Chile Verde	Water Transfer Line	AP	I #:	N/A	NN	MOCD Incident ID#:	nAPP2315849467
U/L	Section	Township	Range	;	County		Latitude	Longitude
J	15	21	27		Eddy		32.4780968	-104.1706733
Responsible Party:	Responsible Party: Mewbourne Oil Company							
Contact Name:	Connor Walker							
Email: cwalker@mewbourne.com								
Site size: ~1.6		•		Square feet:	~68,806	•		

### 2. Soils

Salvaged from site		Bioren	nediated		Imported	X	Bler	nded	Depth (in)		
Texture:	Weste	ern portion of E	xcavation:	Des	scribe soil & su	bsoil:	Western port	ion of Exc	avation:		
	Loam	y sand over loa	my fine sand.				Tonuco-Berii	no loamy s	sands, 0 to 5% slopes.		
							Depth to rest	rictive laye	er: "6 to 20 inches to pet	rocalc	ic", per USDA
	Easte	rn portion of Ex	cavation:				survey.				
	Sandy	loam over clay	loam.								
							Eastern Porti	on of Exca	avation:		
							Gypsum land	l-Reeves c	complex, 0 to 3% slopes,	erode	d.
							Depth to rest	rictive lay	er: "more than 80 inches	".	
Soil prep methods:		Rip X		Depth (in	n)		Disc		Depth (in)		Rollerpack
Date completed:		4/2/2025									

### 3. Bioremediation

Fertilizer	Hay	Other	
Type:		Describe:	
Lbs/acre:			

### 4. Seeding

Custom Seed Mix	ζ.		Prescribed	Mix	X		Seed 1	Mix Name:		BLM #3	Date:	5/8/2025
Broadcast	X			Drille	ed				Metho	d: Broadcast seeder and harrow		
Soil conditions du	uring s	eed:	Dry	X	]	Damp		Wet				
Observations: Seed was broadcast using a seeder, followed by harrowing to incorporate seed and improve contact with soil.												

5. Certification I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Signature:	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 487843

### **QUESTIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315849467
Incident Name	NAPP2315849467 APOLLO CHILE VERDE WATER TRANSFER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source					
Please answer all the questions in this group.					
Site Name	APOLLO CHILE VERDE WATER TRANSFER LINE				
Date Release Discovered	05/20/2023				
Surface Owner	Federal				

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

Nature and Volume of Release						
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.						
Crude Oil Released (bbls) Details	Not answered.					
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 0 BBL (Unknown Released Amount)   Recovered: 240 BBL   Lost: -240 BBL.					
Is the concentration of chloride in the produced water >10,000 mg/l	Yes					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

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General Information Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 487843

QUESTI	ONS (continued)				
Operator:	OGRID:				
MEWBOURNE OIL CO P.O. Box 5270	14744 Action Number:				
Hobbs, NM 88241	487843				
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)				
QUESTIONS					
Nature and Volume of Release (continued)					
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.				
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes				
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (?) reported amounts release resulting in negative volume.				
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.				
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.				
The source of the release has been stopped	True				
The impacted area has been secured to protect human health and the environment	True				
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True				
All free liquids and recoverable materials have been removed and managed appropriately	True				
If all the actions described above have not been undertaken, explain why	Not answered.				
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.				
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or				
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/18/2024				

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 487843

**QUESTIONS** (continued)

ı	Operator:	OGRID:
ı	MEWBOURNE OIL CO	14744
ı	P.O. Box 5270	Action Number:
ı	Hobbs, NM 88241	487843
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)	
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 200 and 300 (ft.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	51200	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	241	
GRO+DRO (EPA SW-846 Method 8015M)	210	
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	07/05/2023	
On what date will (or did) the final sampling or liner inspection occur	08/15/2024	
On what date will (or was) the remediation complete(d)	08/15/2024	
What is the estimated surface area (in square feet) that will be reclaimed	68806	
What is the estimated volume (in cubic yards) that will be reclaimed	10193	
What is the estimated surface area (in square feet) that will be remediated 68806		
What is the estimated volume (in cubic yards) that will be remediated	13048	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

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

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 4

Action 487843

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
Yes		
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]		
Not answered.		
No		

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

I 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.

Name: Connor Walker
Title: Senior Engineer
Email: cwalker@mewbourne.com
Date: 10/18/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 5

Action 487843

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 6

Action 487843

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
	•

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	474044
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/18/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	68806	
What was the total volume (cubic yards) remediated	13192	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	68806	
What was the total volume (in cubic yards) reclaimed	13048	
Summarize any additional remediation activities not included by answers (above)	Please see attached closure report for complete remediation activities.	

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

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

I hereby agree and sign off to the above statement

Name: Connor Walker
Title: Senior Engineer
Email: cwalker@mewbourne.com
Date: 07/23/2025

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 7

Action 487843

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

Sante Fe Main Office Phone: (505) 476-3441

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

CONDITIONS

Action 487843

### **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	487843
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved with the following condition:	8/4/2025
scwells	1) Confirmation sample notifications were not submitted for the following dates: 7/7-7/13/2023 and 7/20-7/28/23. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.	8/4/2025