

Amended Remediation Summary & Soil Closure Request

Mewbourne Oil Company Sun Bright Federal #1

Lea County, New Mexico
Unit Letter "C", Section 21, Township 19 South, Range 33 East
Latitude 32.65044° North, Longitude 103.67028° West
NMOCD Reference No. nAPP2432741490

Prepared By:


Etech Environmental & Safety Solutions, Inc.

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October 15, 2025



Ben J. Arguijo



Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Amended Remediation Summary & Soil Closure Request* for the release site known as the Sun Bright Federal #1 (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source				
Latitude: _____ 32.65044°		Longitude: _____ -103.67028°		
Provided GPS are in WGS84 format.				
Site Name: Sun Bright Federal #1		Site Type: Well Head		
Date Release Discovered: 11/11/2024		API # (if applicable): 30-025-29140		
Unit Letter	Section	Township	Range	County
"C"	21	19S	33E	Lea
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private (Name _____)				
Nature and Volume of Release				
<input type="checkbox"/> Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)	
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 160		Volume Recovered (bbls) 115	
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released		Volume/Weight Recovered	
Cause of Release: Downhole communication with an offset frac caused a leak on the wellhead. The release was limited to the reserve pit and production pad of the active well and associated tank battery, with no impact to the adjacent pasture.				
Initial Response				
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

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

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	Direct Measurement
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Greater than 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?	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 and 5 (mi.)
Any other fresh water well or spring?	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Greater than 5 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 Site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on January 15, 2025, an investigative soil boring was drilled at the Site in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet 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 January 20, 2025, confirmed that the borehole was dry. The location of the investigative soil bore is depicted in Figures 2A, 2B, and 4. A drilling log is provided in Appendix A.

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 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the Closure Criteria for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†
Between 100 and 500 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000
	Benzene	EPA SW-846 Methods 8021b or 8260b	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

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

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

4.0 INITIAL SITE ASSESSMENT

On November 19, 2024, Etech conducted an initial site assessment. During the initial site assessment, two (2) test trenches (TT 1 and TT 2) were advanced within the inferred margins of the release in an effort to determine the vertical extent of impacted soil. The test trenches were advanced in one-foot increments to total depths ranging from two (2) feet bgs (TT 2) to 13 feet bgs (TT 1). During the advancement of the trenches, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, two (2) delineation soil samples (TT 1 @ 13' and TT 2 @ 2') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. A review of laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the 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 are depicted in Figure 3, "Sample Location Map."

5.0 REMEDIATION ACTIVITIES SUMMARY

On November 11, 2024, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the Closure Criteria was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria. Representative five-point composite confirmation soil samples representing no more than 200 square feet were collected from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observed Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	3,480	TT 1 @ Sur	12/2/2024	0	Excavated
TPH	1,140	FL 15 @ 1'	11/27/2024	2	Excavated
GRO+DRO	893	FL 15 @ 1'	11/27/2024	1	Excavated
BTEX	<0.300	All submitted samples	11/19, 11/27, 12/2, 12/6 & 12/27/24	0-13	Excavated & In-Situ
Benzene	<0.050	All submitted samples	11/19, 11/27, 12/2, 12/6 & 12/27/24	0-13	Excavated & In-Situ

Please reference Table 1 for additional information.

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	11/19/2024	
On what date will (or did) the final sampling or liner inspection occur?	12/27/2024	
On what date will (or was) the remediation complete(d)?	12/27/2024	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	5,191	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	769	
What was the total surface area (sq. ft.) that has or will be remediated?	23,777	
What was the total volume (cy) that has or will be remediated?	1,380	
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	R360 Halfway Facility	
NMOCD Disposal Facility ID?	fEEM0112334510	
Summarize any additional remediation activities not included by answers above.	See below	

On November 27, 2024, Etech collected 121 confirmation soil samples (FL 1 @ 1' through FL 111 @ 2', NW 1, NW 2, NW 3, EW 1, EW 2, SW 1, SW 2, WW 1, WW 2, and WW 3) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted soil samples.

On December 2, 2024, Etech collected 26 confirmation soil samples (FL 112 @ 2' through FL 133 @ 2', NW 8, NW 9, EW 8, and EW 9) from the floor and sidewalls of the excavated area and one (1) delineation soil sample (TT 1 @ Sur) from the ground surface in the area characterized by test trench TT 1. 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 Closure Criteria in each of the submitted soil samples.

On December 6, 2024, Etech collected 30 confirmation soil samples (FL 43 @ 4', FL 47 @ 4', FL 62 @ 4', FL 85 @ 4', FL 86 @ 4', FL 87 @ 4', NW 4 through NW 9, EW 3 through EW 7, SW 3 through SW 8, and WW 4 through WW 10) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted soil samples.

On December 27, 2025, Etech collected one (1) confirmation soil sample (FL 15 @ 2') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria.

From December 5 through December 27, 2024, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were then contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

On February 14, 2025, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Soil Closure Request* was submitted to the NMOCD requesting regulatory closure of the release. The closure request was subsequently denied on the following basis: "Per 19.15.29.12 D(1) The responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC or constituents from other applicable remediation standards. Several submitted confirmation samples were incomplete. Refer to FL 43 @4 feet, FL 86 @ 4 feet, FL 87 @ 4', etc. These samples were collected using only selected constituents of concern listed on Table I. Per the rule, all constituents must be sampled for unless a variance request is approved...."

On March 11, 2025, in accordance with the NMOCD, Etech revisited the Site and re-excavated the previously backfilled areas represented by soil samples FL 47 @ 4', FL 62 @ 4', FL 86 @ 4', and FL 87 @ 4' in order to obtain resamples from the remediated areas. Following sample collection, the excavations were backfilled with the removed material, compacted, and contoured to match the surrounding topography. The four (4) resamples were then 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 Closure Criteria in each of the submitted soil samples.

On April 3, 2025, Etech returned to the Site to re-excavate and resample the previously backfilled areas represented by soil samples FL 43 @ 4' and FL 85 @ 4'. Following sample collection, the excavations were backfilled with the removed material, compacted, and contoured to match the surrounding topography. The two (2) resamples were then 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 Closure Criteria in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 60 to 250 feet in length, eight (8) to 128 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, Etech transported approximately 1,380 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,376 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

6.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	23,777	
What was the total volume (cy) remediated?	1,380	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the Closure Criteria 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 Closure Criteria.

Based on laboratory analytical results and field activities conducted to date, Etech recommends that Mewbourne Oil Company provide copies of this *Amended Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (in square feet) reclaimed?	18,586	
What was the total volume (in cubic yards) reclaimed?	1,411	

Excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

The release was limited to the reserve pit and production pad of an active well and associated tank battery, with no impact to the adjacent pasture. Final restoration, reclamation, and revegetation will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated during the first favorable growing season following closure of the location with an agency and/or landowner-approved seed mix that has been certified to be free of noxious weeds. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Amended 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

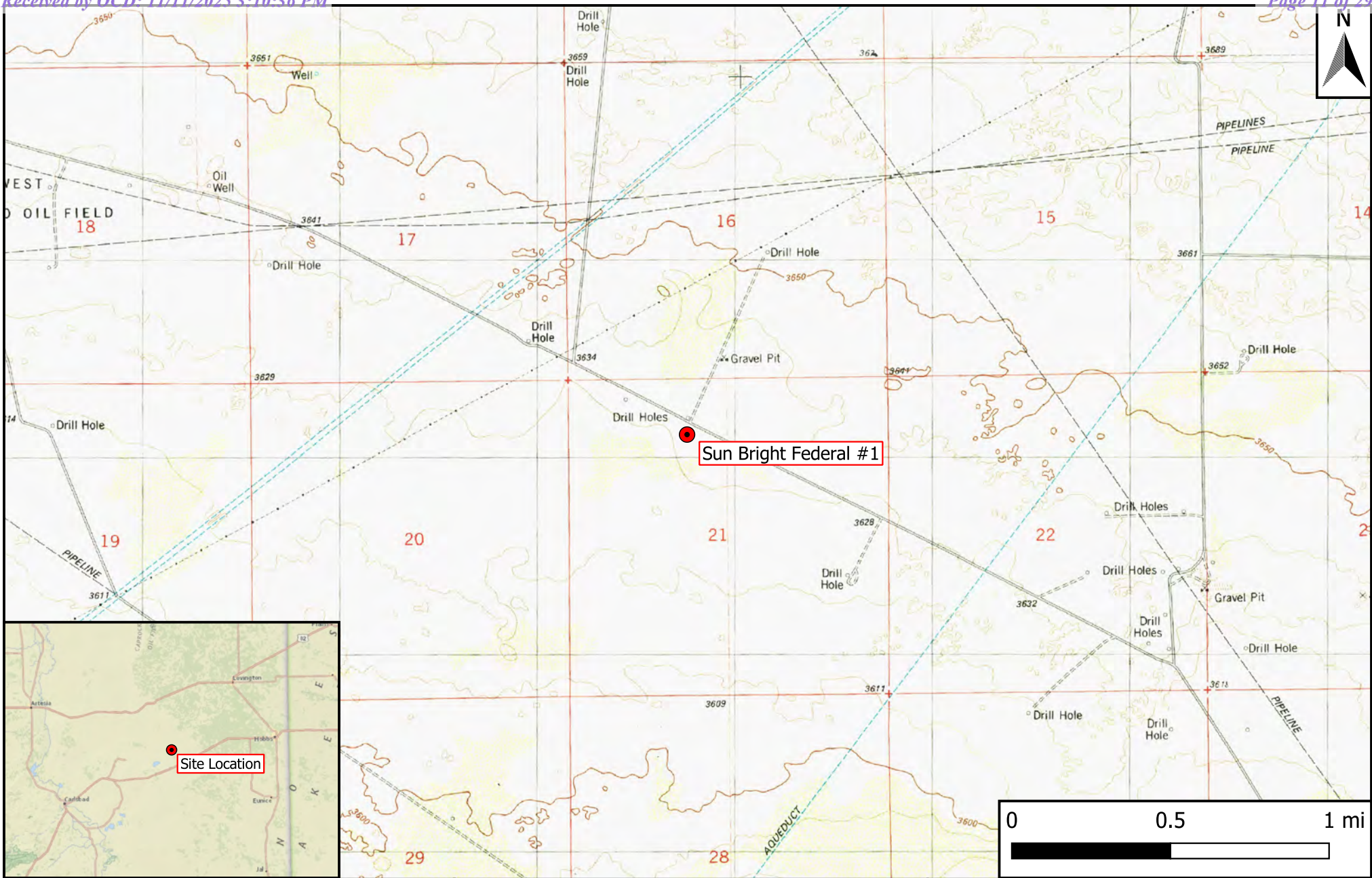
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

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

(Electronic Submission)

Figure 1 Site Location Map



Legend
 ● Site Location

Figure 1
 Site Location Map
 Mewbourne Oil Company
 Sun Bright Federal #1
 GPS: 32.65044, -103.67028
 Lea County, New Mexico



Revised: bja

Checked: rlc

Date: 2/10/25

Figures 2A & 2B Site Characterization Maps

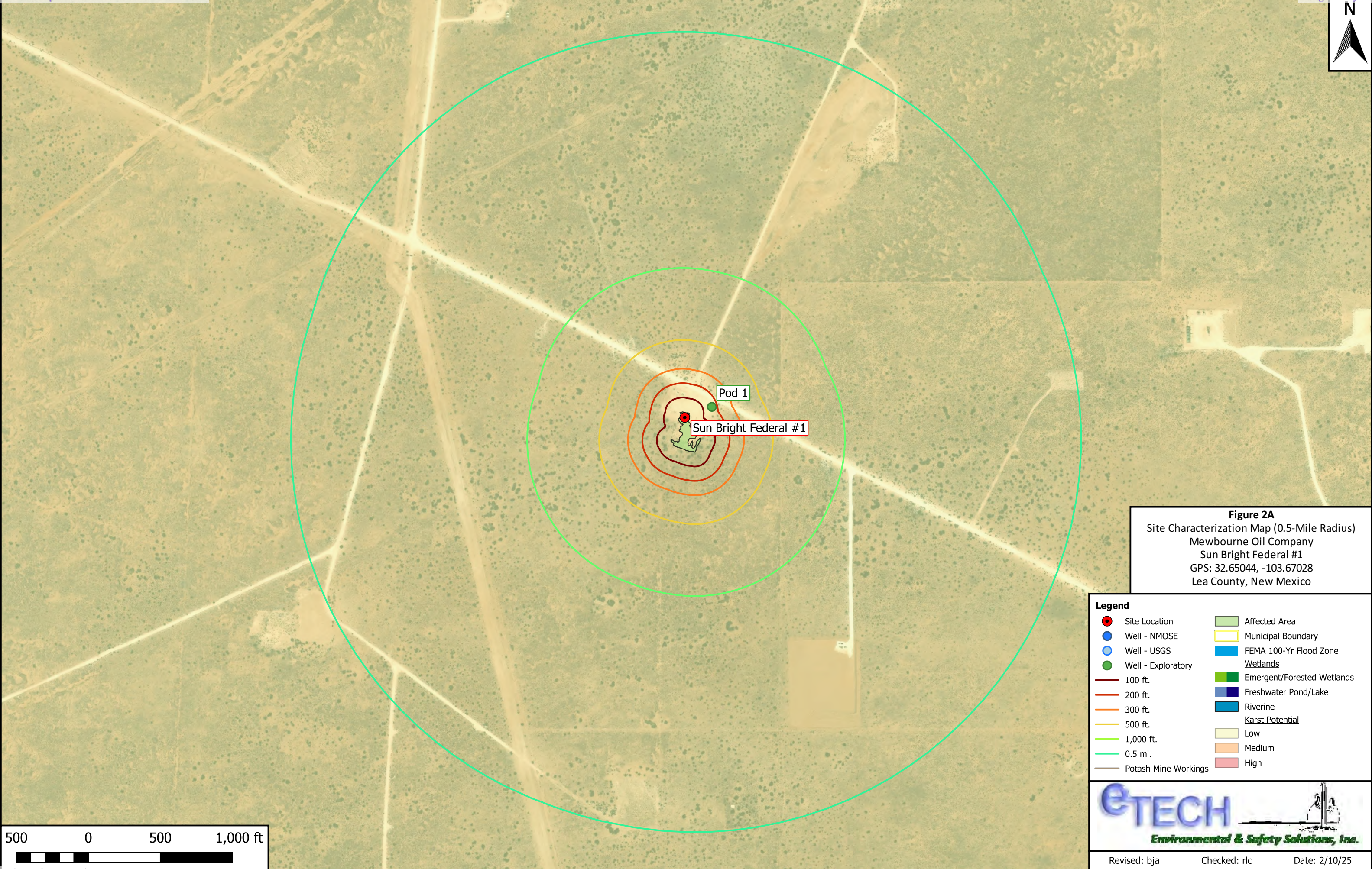
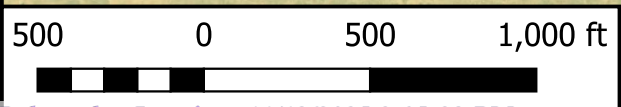


Figure 2A
 Site Characterization Map (0.5-Mile Radius)
 Mewbourne Oil Company
 Sun Bright Federal #1
 GPS: 32.65044, -103.67028
 Lea County, New Mexico

Legend	
	Site Location
	Well - NMOSE
	Well - USGS
	Well - Exploratory
	100 ft.
	200 ft.
	300 ft.
	500 ft.
	1,000 ft.
	0.5 mi.
	Potash Mine Workings
	Affected Area
	Municipal Boundary
	FEMA 100-Yr Flood Zone
	Wetlands
	Emergent/Forested Wetlands
	Freshwater Pond/Lake
	Riverine
	Karst Potential
	Low
	Medium
	High



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Revised: bja Checked: rlc Date: 2/10/25

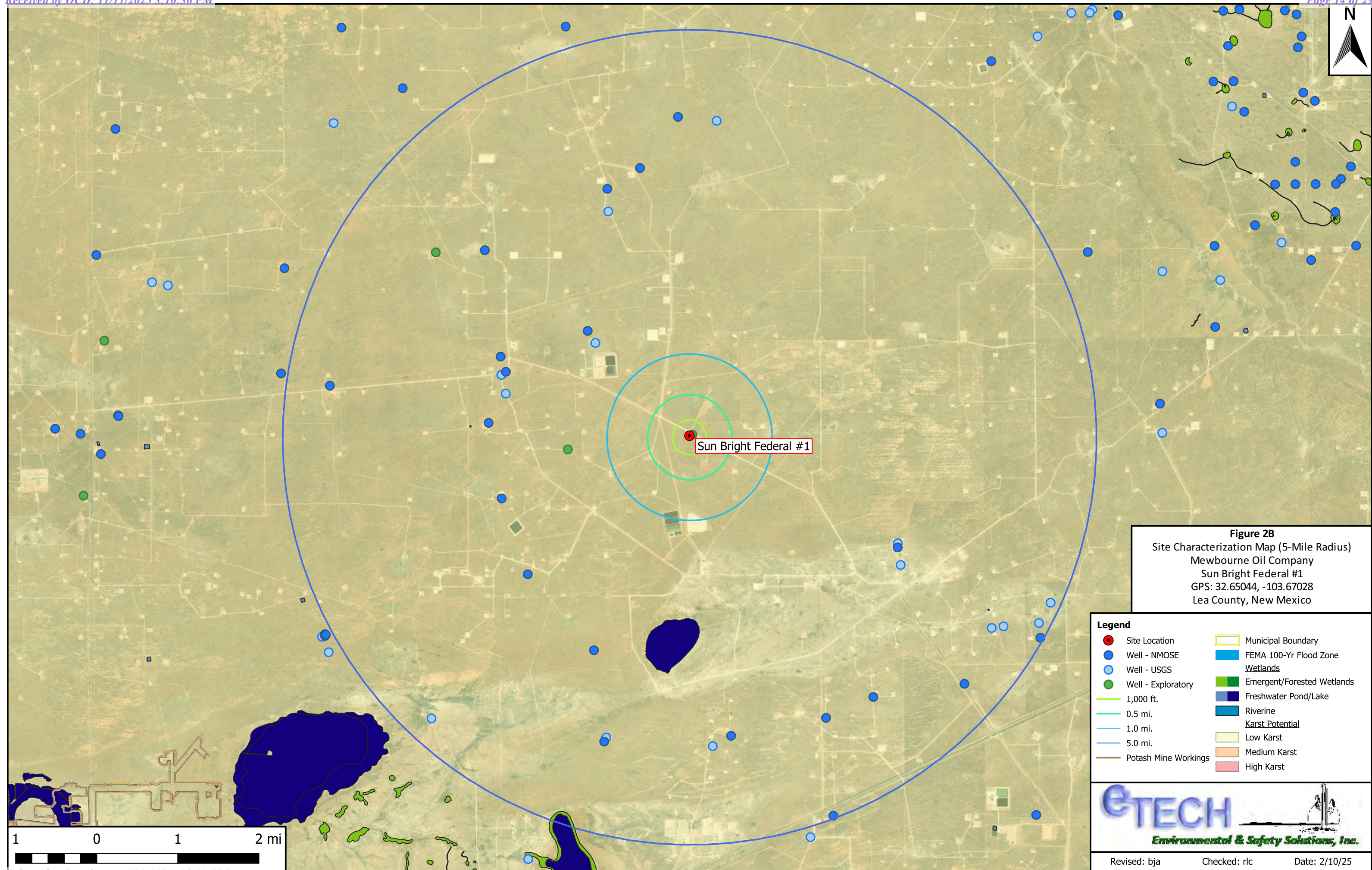
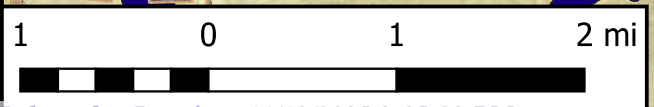


Figure 2B
 Site Characterization Map (5-Mile Radius)
 Mewbourne Oil Company
 Sun Bright Federal #1
 GPS: 32.65044, -103.67028
 Lea County, New Mexico

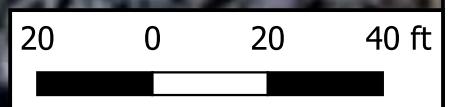
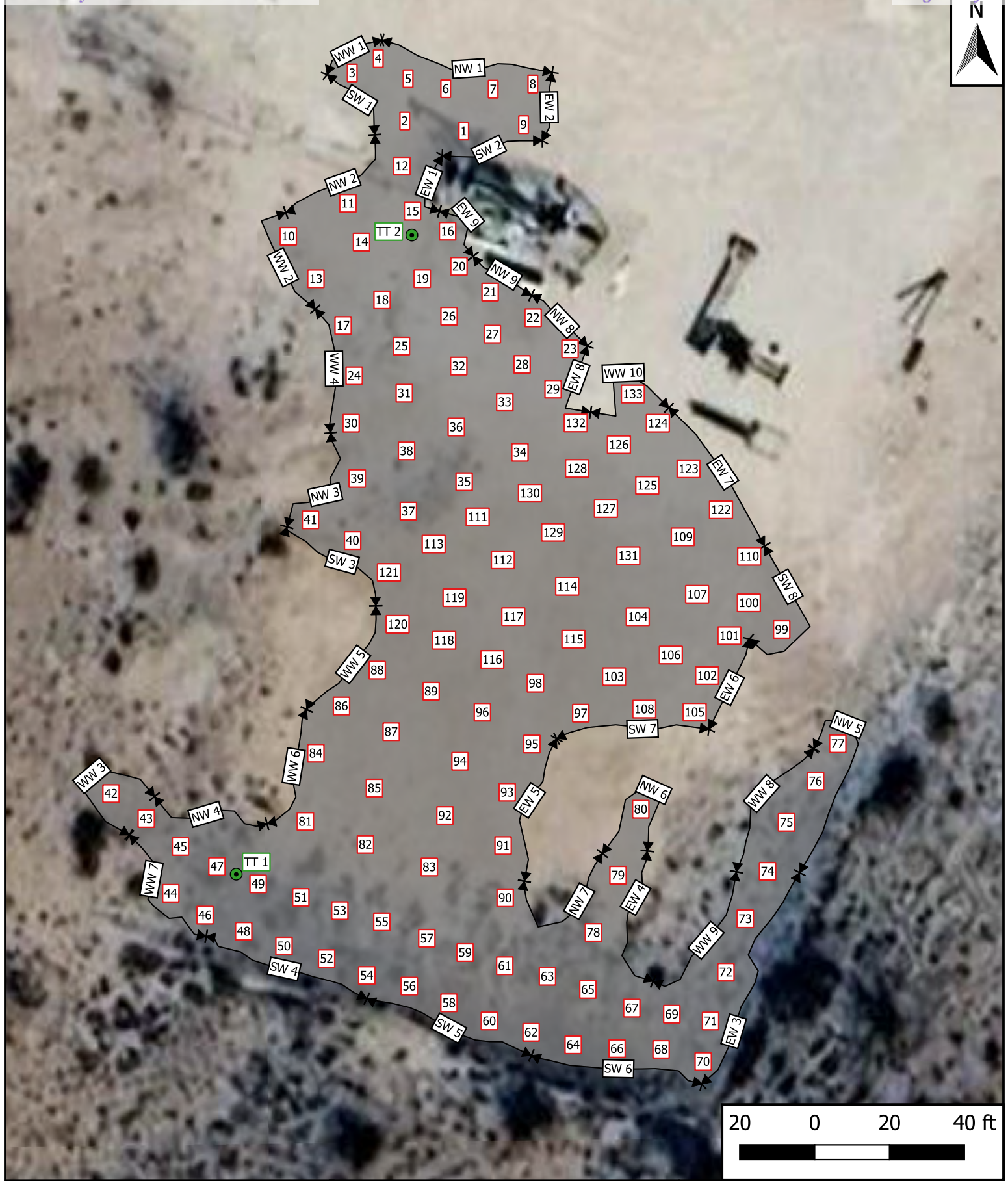
- Legend**
- Site Location
 - Well - NMOSE
 - Well - USGS
 - Well - Exploratory
 - 1,000 ft.
 - 0.5 mi.
 - 1.0 mi.
 - 5.0 mi.
 - Potash Mine Workings
 - Municipal Boundary
 - FEMA 100-Yr Flood Zone
 - Wetlands
 - Emergent/Forested Wetlands
 - Freshwater Pond/Lake
 - Riverine
 - Karst Potential
 - Low Karst
 - Medium Karst
 - High Karst



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Revised: bja Checked: rlc Date: 2/10/25

Figure 3 Sample Location Map



Legend

- Excavation Extent
- Composite Floor Sample
- Composite Wall Sample
- Delineation Sample Location

Figure 3
 Sample Location Map
 Mewbourne Oil Company
 Sun Bright Federal #1
 GPS: 32.65044, -103.67028
 Lea County, New Mexico

Drafted: bja Checked: rlc Date: 2/7/25

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Sun Bright Federal #1
NMOCD Ref. #: nAPP2432741490

NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
TT 1 @ Sur	12/2/2024	0	Excavated	<0.050	<0.300	<10.0	366	366	200	566	3,480
TT 1 @ 13'	11/19/2024	13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
TT 2 @ 2'	11/19/2024	2	Excavated	<0.050	<0.300	<10.0	138	138	73.2	211	576
FL 1 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
FL 2 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	76.7	76.7	14.9	91.6	192
FL 3 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 4 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	23.0	23.0	<10.0	23.0	176
FL 5 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 6 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 7 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 8 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 9 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 10 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 11 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,970
FL 12 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,100
FL 13 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 14 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 15 @ 1'	11/27/2024	1	Excavated	<0.050	<0.300	<10.0	893	893	248	1,140	1,380
FL 15 @ 2'	12/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 16 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 17 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 18 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL 19 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870
FL 20 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL 21 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 22 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 23 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 24 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	16.1	16.1	<10.0	16.1	3,280
FL 25 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360
FL 26 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,890
FL 27 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL 28 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
FL 29 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
FL 30 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 31 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 32 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 33 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 34 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 35 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 36 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 37 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 38 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 39 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 40 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 41 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240

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

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Sun Bright Federal #1
NMOCD Ref. #: nAPP2432741490

NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 42 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 43 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
FL 43 @ 4'	12/6/2024	4	In-Situ	-	-	-	-	-	-	-	2,800
FL 43 @ 4'*	4/3/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL 44 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 45 @ 1'	11/27/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 46 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 47 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 47 @ 4'	12/6/2024	4	In-Situ	-	-	-	-	-	-	-	2,600
FL 47 @ 4'*	3/11/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010
FL 48 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 49 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 50 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 51 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 52 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 53 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 54 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 55 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 56 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	12.8	12.8	<10.0	12.8	112
FL 57 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 58 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 59 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 60 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 61 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 62 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	53.0	53.0	63.0	116	128
FL 62 @ 4'	12/6/2024	4	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 62 @ 4'*	3/11/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FL 63 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 64 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 65 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 66 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 67 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 68 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 69 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 70 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 71 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 72 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 73 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 74 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 75 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 76 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 77 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 78 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 79 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 80 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368

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

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Sun Bright Federal #1
NMOCD Ref. #: nAPP2432741490

NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 81 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 82 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 83 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 84 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 85 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,560
FL 85 @ 4'	12/6/2024	4	In-Situ	-	-	-	-	-	-	-	1,640
FL 85 @ 4**	4/3/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL 86 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	12.8	12.8	<10.0	12.8	1,800
FL 86 @ 4'	12/6/2024	4	In-Situ	-	-	-	-	-	-	-	2,290
FL 86 @ 4**	3/11/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400
FL 87 @ 2'	11/27/2024	2	Excavated	<0.050	<0.300	<10.0	29.3	29.3	<10.0	29.3	640
FL 87 @ 4'	12/6/2024	4	In-Situ	-	-	-	-	-	-	-	1,890
FL 87 @ 4**	3/11/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
FL 88 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 89 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 90 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 91 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 92 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 93 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 94 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 95 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 96 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 97 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 98 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 99 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 100 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 101 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 102 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 103 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 104 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 105 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 106 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 107 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 108 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 109 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 110 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 111 @ 2'	11/27/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 112 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 113 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 114 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 115 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 116 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 117 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 118 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 119 @ 2'	12/2/2024	2	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 Border with Shading: Highest observed concentration.
 *: Resample

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Sun Bright Federal #1
NMOCD Ref. #: nAPP2432741490

NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 120 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 121 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 122 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 123 @ 4'	12/2/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL 124 @ 4'	12/2/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL 125 @ 4'	12/2/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 126 @ 4'	12/2/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,390
FL 127 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	31.0	31.0	<10.0	31.0	144
FL 128 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 129 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 130 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 131 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 132 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 133 @ 2'	12/2/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
NW 1	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 2	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 3	11/27/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 4	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 5	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
NW 6	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
NW 7	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 8	12/2/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
NW 8*	12/6/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
NW 9	12/2/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
NW 9*	12/6/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 1	11/27/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW 2	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW 3	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
EW 4	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
EW 5	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW 6	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW 7	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 8	12/2/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
EW 9	12/2/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 1	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 2	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 3	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 4	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW 5	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SW 6	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SW 7	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW 8	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WW 1	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 2	11/27/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 3	11/27/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

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

Bold: NMOCD Closure Criteria exceedance.

Red Border with Shading: Highest observed concentration.

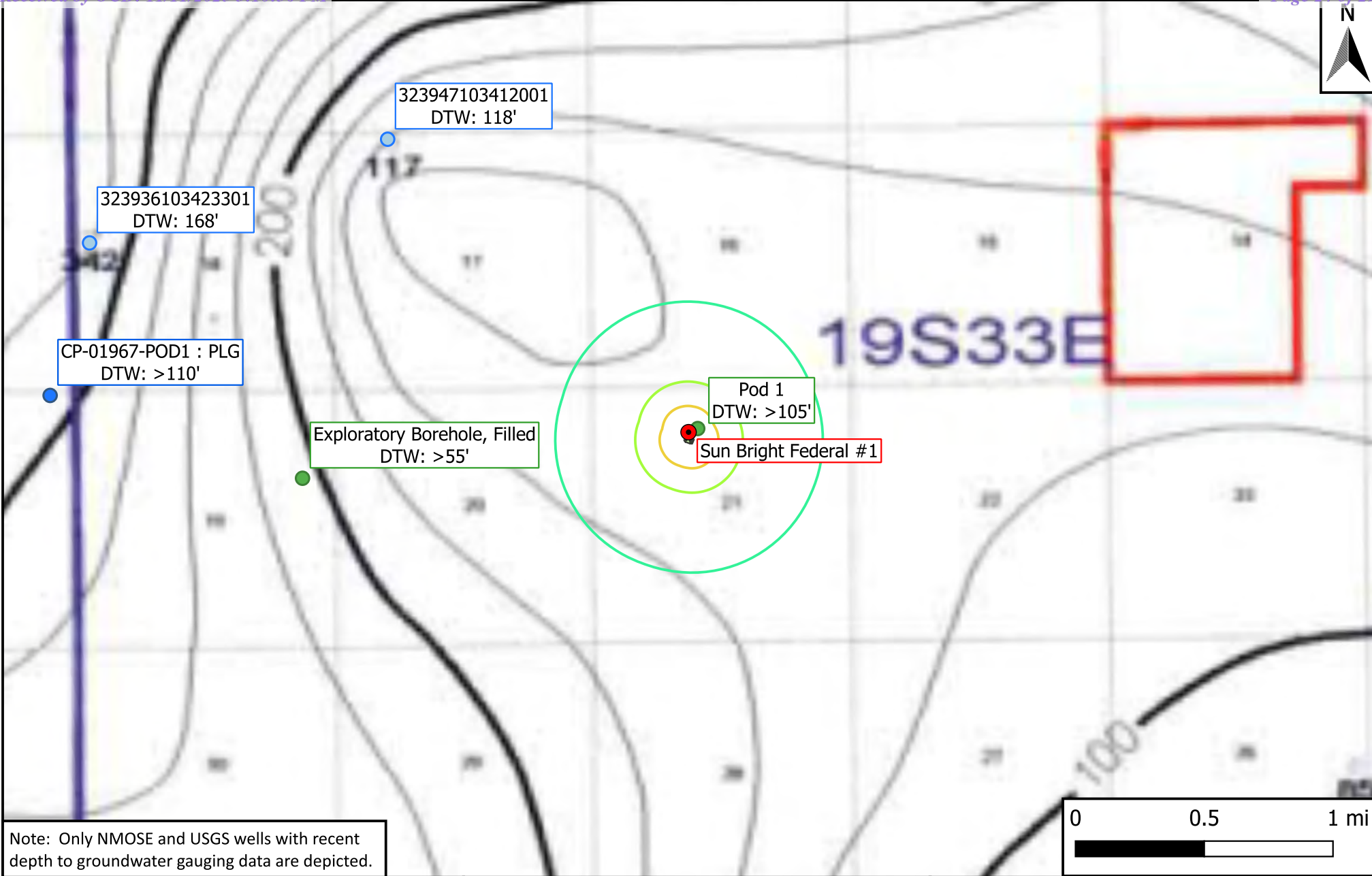
*: Resample

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Sun Bright Federal #1 NMOCD Ref. #: nAPP2432741490											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
WW 4	12/6/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 5	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW 6	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 7	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 8	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
WW 9	12/6/2024	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 10	12/6/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

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

Appendix A

Depth to Groundwater Information



Legend

- Active Site Locations
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Affected Area
- 500 ft.
- 1,000 ft.
- 0.5 mi.

Figure 4

Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Sun Bright Federal #1
 GPS: 32.65044, -103.67028
 Lea County, New Mexico



Revised: bja

Checked: rlc

Date: 2/10/25



Soil Boring/Temporary Monitor Well Pod 1

Company: Mewbourne Oil Company	Well/Borehole ID: Pod 1	Drilling Company: H&R Enterprises, LLC
Site: Sun Bright Federal #1	Coordinates (NAD 83): 32.650639,-103.669667	Driller: Jim Hawley
NMOCD Reference #: nAPP2432741490	Drilling Date: 1/15/2025	Drilling Method: Air Rotary
County: Lea Co., NM	Depth of Boring (ft): 105	Logged By: Jim Hawley
PLSS: U/L "C", Sec. 21, T19S, R33E	Depth to Groundwater (ft): >105	Drafted By: Ben J. Arguijo
	Plugging Date: 1/20/2025	Draft Date: 2/12/2025

Completion: N/A	Casing: 2" PVC	Screen: 0.020" Slotted
------------------------	-----------------------	-------------------------------

Comments: The borehole was advanced on the production pad for the Sun Bright Federal #1 well.

Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading	Well Construction
0							
5			Sand	N	N	-	
10			Sandy caliche	N	N	-	
15			Caliche	N	N	-	
20			Caliche	N	N	-	
25			Sandy caliche	N	N	-	
30			Sandy caliche	N	N	-	
35			Sandy clay	N	N	-	
40			Sandy clay	N	N	-	
45			Red clay	N	N	-	
50			Red clay	N	N	-	
55			Sandy clay	N	N	-	
60			Sandy clay	N	N	-	
65			Sandy clay	N	N	-	
70			Sandy clay	N	N	-	
75			Sandy clay	N	N	-	
80			Sandy clay	N	N	-	
85			Sandy clay	N	N	-	
90			Sandy clay	N	N	-	
95			Sandy clay	N	N	-	
100			Sandy clay	N	N	-	
105			Sandy clay	N	N	-	
110			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.				
115							

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2045	
	WELL OWNER NAME(S) Mewbourne Oil Co.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 4801 Business Park Blvd				CITY Hobbs	STATE NM
					ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 39	SECONDS 02.3	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE 103	40	10.8	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S21 T19s R33e						


2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862	NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 1-15-25	DRILLING ENDED 1-15-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 1-20-25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	105'	6'	No casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2			

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0'	10'	10'	Sand	Y ✓ N	
	10'	15'	5'	Sandy Caliche	Y ✓ N	
	15'	25'	10'	Caliche	Y ✓ N	
	25'	35'	10'	Sandy Caliche	Y ✓ N	
	35'	45'	10'	Sandy Clay	Y ✓ N	
	45'	55'	10'	Red Clay	Y ✓ N	
	55'	105'	50'	Sandy Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DTGW Bore					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Depth to groundwater bore was gauged for water on 1-20-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cutting to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley _____ DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	



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Agency code = usgs
site_no list =

- 323947103412001

Minimum number of levels = 1

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

USGS 323947103412001 19S.33E.17.11224 40

Lea County, New Mexico
Latitude 32°40'01.8", Longitude 103°41'24.3" NAD83
Land-surface elevation 3,654 feet above NAVD88
The depth of the well is 131 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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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
			7								
1965-12-08			D	72019	118.40			1	Z		A
1968-03-14			D	72019	118.01			1	Z		A
1971-01-28			D	72019	117.67			1	Z		A
1976-12-15			D	72019	116.92			1	Z		A
1981-02-05			D	72019	116.84			1	Z		A
1986-03-25			D	72019	116.70			1	Z		A
1991-05-30			D	72019	116.64			1	Z		A
1996-02-06			D	72019	116.51			1	S		A
2015-12-17	17:30 UTC		m	72019	118.08			1	S	USGS	S

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
2021-01-05	22:54 UTC	m	72019	117.95			1	S	USGS	S	A
2022-02-16	19:35 UTC	m	72019	117.73			1	S	USGS	S	A
2023-02-10	16:54 UTC	m	72019	118.30			1	S	USGS	S	A
2024-01-31	19:13 UTC	m	72019	118.20			1	S	USGS	S	A
2025-01-15	20:33 UTC	m	72019	118.30			1	V	USGS	S	P

Explanation

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

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0.35 0.24 nadww02

Appendix B Field Data



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
TT-1@SWC	Heavy	3.6	
TT-1@1'	light	4.7 High	
TT-1@2'	light	7.1	
TT-1@3'	None	6.0	
TT-1@4'	None	5.0	
TT-1@5'	—	5.4	
TT-1@6'	—	5.8	
TT-1@7'	—	5.2	
TT-1@8'	—	4.9	
TT-1@9'	—	4.8	
TT-1@10'	—	4.6	
TT-1@11'	—	4.8	
TT-1@12'	—	4.6	
TT-1@13'	—	3.0	
TT-2@SWC	—	5.04	
TT-2@1'	—	5.0	
TT-2@2'	—	3.4	
WJ-1	—	124	
SW-1	—	124	
NW-1	—	N/A	
FL-1@1'	—	1,464	
FL-2@1'	—	192	
FL-3@1'	—	144	
FL-4@1'	—	168	
FL-5@1'	—	252	
FL-6@1'	—	692	
FL-7@1'	—	284	
SW-2	—	168	
FW-1	—	284	
FL-8@1'	—	192	
FL-9@1'	—	124	
FW-2	—	144	
WJ-2	—	144	
NW-3	—	168	
FL-10@1'	—	828	
FL-11@1'	—	1,396	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

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

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-12 @1'	-	2,420	
FL-13 @1'	-	1,461	
FL-14 @1'	-	2,420	
FL-15 @1'	-	1,496	
FL-16 @1'	-	1,716	
FL-17 @1'	-	N/D	
FL-18 @1'	-	1,212	
FL-19 @1'	-	3,644	
FL-20 @1'	-	3,058	
FL-21 @1'	-	248	
FL-22 @1'	-	1,600	
FL-23 @1'	-	970	
FL-24 @1'	-	2,380	
FL-25 @1'	-	1,972	
FL-26 @1'	-	1,788	
FL-27 @1'	-	1,612	
FL-28 @1'	-	252	
FL-29 @1'	-	248	
FL-30 @1'	-	900	
FL-31 @1'	-	1,396	
FL-32 @1'	-	900	
FL-33 @1'	-	1,600	
FL-34 @2'	-	188	
FL-35 @2'	-	298	
FL-36 @2'	-	284	
FL-37 @2'	-	396	
FL-38 @2'	-	484	
FL-39 @2'	-	220	
FL-40 @2'	-	140	
FL-41 @2'	-	116	
FL-42 @2'	-	284	
FL-43 @2'	-	396	
FL-44 @2'	-	588	
FL-45 @2'	-	440	
FL-46 @2'	-	248	
FL-47 @2'	-	396	

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



Sample Log

Date: _____

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

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-47@2'	-	484	
NW-3	-	N/D	
FL-48 @2'	-	396	
FL-49 @2'	-	490	
FL-50 @2'	-	298	
FL-51@2'	-	N/D	
FL-52@2'	-	356	
FL-53@2'	-	284	
FL-54 @2'	-	168	
FL-55 @2'	-	116	
FL-56 @2'	-	224	
FL-57@2'	-	116	
FL-58@2'	-	116	
FL-59@2'	-	N/D	
FL-60@2'	-	500	
FL-61@2'	-	396	
FL-62@2'	-	252	
FL-63@2'	-	220	
FL-64 @2'	-	284	
FL-65 @2'	-	140	
FL-66 @2'	-	440	
FL-67@2'	-	254	
FL-68@2'	-	500	
FL-69 @2'	-	252	
FL-70@2'	-	284	
FL-71 @2'	-	396	
FL-72@2'	-	284	
FL-73 @2'	-	N/D	
FL-73 @2'	-	396	
FL-74 @2'	-	116	
FL-75 @2'	-	292	
FL-76 @2'	-	N/D	
FL-77 @2'	-	N/D	
FL-78 @2'	-	456	
FL-79 @2'	-	116	
FL-80 @2'	-	236	

Sample Point = SP #1 @ ## etc
 Floor = FL #1 etc
 Sidewall = SW #1 etc

Test Trench = TT #1 @ ##
 Refusal = SP #1 @ 4'-R
 Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b
 Stockpile = Stockpile #1
 GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

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

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-81 @2'	-	728	
FL-82 @2'	-	368	
FL-83 @2'	-	196	
FL-84 @2'	-	168	
FL-85 @2'	-	196	
FL-86 @2'	-	224	
FL-87 @2'	-	368	
FL-88 @2'	-	292	
FL-89 @2'	-	368	
FL-90 @2'	-	368	
FL-91 @2'	-	196	
FL-92 @2'	-	328	
FL-93 @2'	-	408	
FL-94 @2'	-	168	
FL-95 @2'	-	196	
FL-96 @2'	-	224	
FL-97 @2'	-	196	
FL-98 @2'	-	328	
FL-99 @2'	-	292	
FL-100 @2'	-	292	
FL-101 @2'	-	224	
FL-102 @2'	-	196	
FL-103 @2'	-	168	
FL-104 @2'	-	196	
FL-105 @2'	-	328	
FL-106 @2'	-	292	
FL-107 @2'	-	292	
FL-108 @2'	-	196	
FL-109 @2'	-	224	
FL-110 @2'	-	408	
FL-111 @2'	-	196	
FL-112 @2'	-	196	
FL-113 @2'	-	196	
FL-114 @2'	-	292	
FL-115 @2'	-	328	
FL-116 @2'	-	196	

Sample Point = SP #1 @ ## etc
Floor = FL #1 etc
Sidewall = SW #1 etc

Test Trench = TT #1 @ ##
Refusal = SP #1 @ 4'-R
Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b
Stockpile = Stockpile #1
GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-117A-2'	-	220	
FL-118 @ 2'	-	220	
FL-119 @ 2'	-	484	
FL-120 @ 2'	-	190	
FL-121 @ 2'	-	164	
FL-122 @ 2'	-	316	
FL-123 @ 2'	-	188	
FL-124 @ 2'	-	396	
FL-125 @ 2'	-	356	
FL-126 @ 2'	-	484	
FL-127 @ 2'	-	316	
FL-128 @ 2'	-	500	
FL-129 @ 2'	-	716	
FL-130 @ 2'	-	164	
FL-131 @ 2'	-	484	
FL-132 @ 2'	-	220	
FL-133 @ 2'	-	292	
WW-4	-	356	
SW-3	-	188	
WW-5	-	316	
NW-4	-	500	
WW-6	-	164	
NW-9	-	484	
WW-7	-	200	
SW-4	-	356	
SW-7			
SW-5	-	188	
SW-6	-	292	
EW-3	-	116	
NW-5	-	356	
NW-6	-	164	
SW-8	-	484	
EW-4	-	196	
NW-9	-	252	
NW-7	-	292	
EW-5	-	484	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
SIJ-7	-	292	
EW-6	-	256	
SW-8	-	196	
EW-7	-	116	
WIW-10	-	220	
NW-7	-	164	
EW-8	-	356	
NW-8	-	484	
EW-9	-	188	
NW-9	-	292	
FL-15 @ 2'	-	116	
FL-85 @ 4'	-	1,040	
FL-96 @ 4'	-	1,600	
FL-87 @ 4'	-	1,396	
FL-413 @ 4'	-	1,836	
FL-478 @ 4'	-	292	
FL-12 @ 4'	-	196	

Sample Point = SP #1 @ ## etc
Floor = FL #1 etc
Sidewall = SW #1 etc

Test Trench = TT #1 @ ##
Refusal = SP #1 @ 4'-R
Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b
Stockpile = Stockpile #1
GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: South-Southeast	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: Southeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	
Photo Direction: Southeast	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: West-Northwest	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	
Photo Direction: North-Northeast	
Photo Description: View of the affected area.	

Photo Number: 6	
Photo Direction: Southwest	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 7	
Photo Direction: South	
Photo Description: View of the excavated area.	

Photo Number: 8	
Photo Direction: West	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 9	 <p>Dec 2, 2024 at 3:42:22 PM +32.650591, -103.670425 153° SE Altitude: 1107.6meters Speed: 3.3km/h</p>
Photo Direction: South-Southeast	
Photo Description: View of the excavated area.	

Photo Number: 10	 <p>Dec 2, 2024 at 3:42:26 PM +32.650591, -103.670425 153° SE Altitude: 1107.0meters Speed: 3.3km/h</p>
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 11	 <p>Dec 3, 2024 at 8:19:02 AM +32.649834,-103.670049 Hobbs NM 88240 United States</p>
Photo Direction: West-Northwest	
Photo Description: View of the excavated area.	

Photo Number: 12	 <p>Dec 3, 2024 at 8:20:00 AM +32.649906,-103.670395 Hobbs NM 88240 United States</p>
Photo Direction: West-Northwest	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 13	 <p>Dec 3, 2024 at 8:21:09 AM +32.650208,-103.670414 Hobbs NM 88240 United States</p>
Photo Direction: Southwest	
Photo Description: View of the excavated area.	

Photo Number: 14	 <p>Dec 3, 2024 at 8:22:23 AM +32.650512,-103.670438 Hobbs NM 88240 United States</p>
Photo Direction: West-Southwest	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 15	 <p>Dec 3, 2024 at 8:23:36 AM +32.650483,-103.670310 Hobbs NM 88240 United States</p>
Photo Direction: South-Southwest	
Photo Description: View of the excavated area.	

Photo Number: 16	 <p>Dec 12, 2024 at 4:22:26 PM +32.650806,-103.670213 NM</p>
Photo Direction: Southwest	
Photo Description: View of the remediated area following backfilling and regrading.	

Photographic Log

Photo Number: 17	 <p>Dec 12, 2024 at 4:23:24 PM +32.650541,-103.670371 NM</p>
Photo Direction: Southwest	
Photo Description: View of the remediated area following backfilling and regrading.	

Photo Number: 18	 <p>Dec 12, 2024 at 4:24:35 PM +32.649969,-103.670628 NM</p>
Photo Direction: East	
Photo Description: View of the remediated area following backfilling and regrading.	

Photographic Log

Photo Number: 19	
Photo Direction: North	
Photo Description: View of the remediated area following backfilling and regrading.	

Photo Number: 20	
Photo Direction: Northwest	
Photo Description: View of the remediated area following backfilling and regrading.	

Appendix D

Laboratory Analytical Reports



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

November 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 11/20/24 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/20/2024	Sampling Date:	11/19/2024
Reported:	11/26/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	32.650111, -103.67025		

Sample ID: TT 1 @ 13' (H247089-01)

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	11/22/2024	ND	2.41	120	2.00	5.05	
Toluene*	<0.050	0.050	11/22/2024	ND	2.45	122	2.00	4.47	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.33	116	2.00	4.17	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.31	122	6.00	3.39	
Total BTEX	<0.300	0.300	11/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/25/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	105	200	1.06	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

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

Received:	11/20/2024	Sampling Date:	11/19/2024
Reported:	11/26/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	32.650111, -103.67025		

Sample ID: TT 2 @ 2' (H247089-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2024	ND	2.41	120	2.00	5.05		
Toluene*	<0.050	0.050	11/22/2024	ND	2.45	122	2.00	4.47		
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.33	116	2.00	4.17		
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.31	122	6.00	3.39		
Total BTEX	<0.300	0.300	11/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	105	200	1.06		
DRO >C10-C28*	138	10.0	11/21/2024	ND	185	92.5	200	6.79		
EXT DRO >C28-C36	73.2	10.0	11/21/2024	ND						

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

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



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal 1), and analysis request table with columns for Lab I.D., Sample I.D., Matrix, Preserv., and various analytes (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Date, Time, Verbal Result, Remarks, and Turnaround Time information.



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

December 05, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 11/27/24 14:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 1 @ 1' (H247289-01)

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	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 2 @ 1' (H247289-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	76.7	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	14.9	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 3 @ 1' (H247289-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 4 @ 1' (H247289-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	23.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 5 @ 1' (H247289-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 6 @ 1' (H247289-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 7 @ 1' (H247289-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 8 @ 1' (H247289-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 9 @ 1' (H247289-09)

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	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 10 @ 1' (H247289-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 11 @ 1' (H247289-11)

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	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	190	95.1	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	173	86.6	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 12 @ 1' (H247289-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2100	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 13 @ 1' (H247289-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

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	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 14 @ 1' (H247289-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 15 @ 1' (H247289-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.06	103	2.00	3.96	
Toluene*	<0.050	0.050	12/03/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.13	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.34	106	6.00	3.20	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	893	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	248	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/27/2024
 Reported: 12/05/2024
 Project Name: SUN BRIGHT FEDERAL 1
 Project Number: 21448
 Project Location: MEWBOURNE 32.65044, -103.67028

Sampling Date: 11/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 16 @ 1' (H247289-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 17 @ 1' (H247289-17)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 18 @ 1' (H247289-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

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	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 19 @ 1' (H247289-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 20 @ 1' (H247289-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

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	12/03/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 21 @ 1' (H247289-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 22 @ 1' (H247289-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 23 @ 1' (H247289-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 24 @ 1' (H247289-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	16.1	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 25 @ 1' (H247289-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59		
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65		
Total BTEX	<0.300	0.300	12/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	12/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 26 @ 1' (H247289-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 27 @ 1' (H247289-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 28 @ 1' (H247289-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 29 @ 1' (H247289-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 30 @ 1' (H247289-30)

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	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 31 @ 1' (H247289-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	186	93.1	200	1.73	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	179	89.7	200	0.513	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 32 @ 1' (H247289-32)

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	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 33 @ 1' (H247289-33)

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	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 34 @ 2' (H247289-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 35 @ 2' (H247289-35)

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	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 36 @ 2' (H247289-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 37 @ 2' (H247289-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.12	106	2.00	4.59	
Toluene*	<0.050	0.050	12/03/2024	ND	2.05	103	2.00	5.08	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	6.09	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.24	104	6.00	6.65	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 38 @ 2' (H247289-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 39 @ 2' (H247289-39)

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	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 40 @ 2' (H247289-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 41 @ 2' (H247289-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 42 @ 2' (H247289-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 43 @ 2' (H247289-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 44 @ 1' (H247289-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/03/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 45 @ 1' (H247289-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 46 @ 2' (H247289-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 47 @ 2' (H247289-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 48 @ 2' (H247289-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 49 @ 2' (H247289-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 50 @ 2' (H247289-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 51 @ 2' (H247289-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

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	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	185	92.6	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	176	87.8	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 52 @ 2' (H247289-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 53 @ 2' (H247289-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 54 @ 2' (H247289-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 55 @ 2' (H247289-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 56 @ 2' (H247289-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	12.8	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 57 @ 2' (H247289-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.16	108	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2024	ND	2.19	110	2.00	2.40	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.32	116	2.00	5.08	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.86	114	6.00	6.04	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 58 @ 2' (H247289-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

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	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 59 @ 2' (H247289-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 60 @ 2' (H247289-60)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Analytical Results For:

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 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 61 @ 2' (H247289-61)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 62 @ 2' (H247289-62)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	53.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	63.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 63 @ 2' (H247289-63)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

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	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 64 @ 2' (H247289-64)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 65 @ 2' (H247289-65)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 66 @ 2' (H247289-66)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 67 @ 2' (H247289-67)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 68 @ 2' (H247289-68)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 69 @ 2' (H247289-69)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 70 @ 2' (H247289-70)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etch Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of analysis requests for 10 samples (FL 1 @ 1' to FL 10 @ 1'). The table includes columns for Lab I.D., Sample I.D., Matrix (Groundwater, Wastewater, Soil, Oil, Sludge, Other), Preservation (Acid/Base, Ice/Cool, Other), Sampling (Date, Time), and Analytes (Chloride, TPH (8015M), BTEX (8021B)).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result (All Results are emailed), and Turnaround Time (Standard or Rush). Includes fields for Date, Time, Signature, and Temperature (Observed and Corrected).



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of analysis requests for various samples (FL 11 @ 1' to FL 20 @ 1') with columns for matrix type, preservation, and sampling date/time.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Bottom section of the form including 'Relinquished By' and 'Received By' signatures, 'Delivered By' information, and 'Turnaround Time' selection (Standard or Rush).



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of analysis requests for samples FL 21 through FL 30. The table includes columns for Lab I.D., Sample I.D., Matrix (Groundwater, Wastewater, Soil, Oil, Sludge), Preservation (Acid/Base, Ice/Cool, Other), Sampling (Date, Time), and Analytes (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received information, Verbal Result (Yes/No), Remarks, and Delivered/Checked information. Includes fields for Date, Time, Observed/Corrected Temp, Sample Condition, Turnaround Time, and Bacteria/Intact status.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company and project information, a 'BILL TO' section, an 'ANALYSIS REQUEST' table with columns for Chloride, TPH (8015M), BTEX (8021B), and a detailed sampling table with columns for Lab I.D., Sample I.D., Matrix, Preservation, and Sampling Date/Time.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, Remarks, and Delivered By information, including fields for Observed/Corrected Temp, Sample Condition, Turnaround Time, and Bacteria analysis options.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of samples (41-50) with columns for Lab I.D., Sample I.D., Matrix, Preservation, Sampling, and Analysis Request (Chloride, TPH, BTEX).

PLEASE NOTE: Liability, and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, Remarks, and Turnaround Time. Includes fields for Date, Time, and Sample Condition.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 21448 Project Owner: Mewbourne Project Name: Sun Bright Federal #001 Project Location: 32.65044, -103.67028 Sampler Name: Martin Sepulveda

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 11-27-24 Time: 14:18 Received By: [Signature] Date: [] Time: [] Verbal Result: [] Yes [] No Add'l Phone #: [] All Results are emailed. Please provide Email address: pm@etechnv.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda
BILL TO: P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:
ANALYSIS REQUEST: Chloride TPH (8015M) BTEX (8021B)

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 11/27/24 Time: 1418
Received By: [Signature] Date: [Blank] Time: [Blank]
Verbal Result: [X] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechenv.com
REMARKS:
Delivered By: (Circle One) Observed Temp. °C: 8.10 Corrected Temp. °C: 8.70
Sample Condition: Cool Intact [X] Yes [] No
CHECKED BY: (Initials) [AD]
Turnaround Time: Standard [] Rush [X]
Bacteria (only) Sample Condition: Cool Intact [] Yes [] No Observed Temp. °C: Corrected Temp. °C:



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

December 05, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 11/27/24 14:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 71 @ 2' (H247290-01)

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	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	217	109	200	5.69	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	212	106	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 72 @ 2' (H247290-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 73 @ 2' (H247290-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 74 @ 2' (H247290-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 75 @ 2' (H247290-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.27	114	2.00	3.70	
Toluene*	<0.050	0.050	12/03/2024	ND	2.30	115	2.00	3.74	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.23	111	2.00	3.91	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.95	116	6.00	3.34	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 76 @ 2' (H247290-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 77 @ 2' (H247290-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 78 @ 2' (H247290-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 79 @ 2' (H247290-09)

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	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 80 @ 2' (H247290-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 81 @ 2' (H247290-11)

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	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 82 @ 2' (H247290-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 83 @ 2' (H247290-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 84 @ 2' (H247290-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 85 @ 2' (H247290-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1560	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 86 @ 2' (H247290-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	12.8	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 87 @ 2' (H247290-17)

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	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	29.3	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 88 @ 2' (H247290-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Analytical Results For:

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Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 89 @ 2' (H247290-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 90 @ 2' (H247290-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 91 @ 2' (H247290-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	228	114	200	4.81	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	217	109	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 92 @ 2' (H247290-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 93 @ 2' (H247290-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	1.96	
Toluene*	<0.050	0.050	12/04/2024	ND	2.22	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.77	113	6.00	1.96	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 94 @ 2' (H247290-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.15	107	2.00	1.77	
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 95 @ 2' (H247290-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.15	107	2.00	1.77	
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 96 @ 2' (H247290-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 97 @ 2' (H247290-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

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	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 98 @ 2' (H247290-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/27/2024
 Reported: 12/05/2024
 Project Name: SUN BRIGHT FEDERAL 1
 Project Number: 21448
 Project Location: MEWBOURNE 32.65044, -103.67028

Sampling Date: 11/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 99 @ 2' (H247290-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 100 @ 2' (H247290-30)

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	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 101 @ 2' (H247290-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 102 @ 2' (H247290-32)

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	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 103 @ 2' (H247290-33)

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	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 104 @ 2' (H247290-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 105 @ 2' (H247290-35)

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	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 106 @ 2' (H247290-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 107 @ 2' (H247290-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/03/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 108 @ 2' (H247290-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 109 @ 2' (H247290-39)

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	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 110 @ 2' (H247290-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 111 @ 2' (H247290-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	222	111	200	5.54	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	6.90	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 1 (H247290-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 2 (H247290-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-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	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 3 (H247290-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 1 (H247290-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	1.98	99.1	2.00	1.17	
Toluene*	<0.050	0.050	12/04/2024	ND	2.04	102	2.00	0.445	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	0.140	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.30	105	6.00	0.500	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 2 (H247290-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 1 (H247290-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 2 (H247290-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 1 (H247290-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 2 (H247290-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500CI-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	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/27/2024	Sampling Date:	11/27/2024
Reported:	12/05/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 3 (H247290-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2024	ND	2.23	112	2.00	1.58	
Toluene*	<0.050	0.050	12/04/2024	ND	2.27	114	2.00	7.34	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.45	123	2.00	10.7	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	7.32	122	6.00	12.2	
Total BTEX	<0.300	0.300	12/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/04/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	197	98.5	200	3.03	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	100	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH (8015M), BTEX (8021B). Rows 1-10 show samples FL 71 @ 2' to FL 80 @ 2'.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 11/27/24 Time: 1418
Received By: [Signature] Date: [Blank] Time: [Blank]
Verbal Result: [X] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechnv.com
REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C -8.1 Corrected Temp. °C -8.72
Sample Condition Cool Intact [X] Yes [] No [] Yes [] No
CHECKED BY: (Initials) AP
Turnaround Time: Standard [X] Rush []
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C [] Yes [] No [] Yes [] No Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of analysis results for samples FL 81 @ 2' through FL 90 @ 2'.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Bottom section of the form containing 'Relinquished By', 'Received By', 'Verbal Result', 'REMARKS', and 'Delivered By' information.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of samples (FL 91 @ 2' to FL 100 @ 2') with columns for matrix type, preservation, sampling date, and analysis results (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, and Turnaround Time. Includes fields for date, time, and temperature, and checkboxes for sample condition and analysis type.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of samples (FL 101 @ 2' to FL 110 @ 2') with columns for Lab I.D., Sample I.D., Matrix, Preservation, Sampling, and Analysis Request (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, and Turnaround Time. Includes handwritten signatures, dates (11/27/24), and times (1418).



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of samples with columns for Lab I.D., Sample I.D., Matrix, Preservation, Sampling, and Analysis Request (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, Remarks, and Delivered By information, including observed and corrected temperatures and sample condition.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda
BILL TO: P.O. #: Mewbourne
Company: Mewbourne
Attn: Connor Walker
Address:
City:
State: Zip:
Phone #:
Fax #:
ANALYSIS REQUEST: Chloride, TPH (8015M), BTEX (8021B)

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 11-27-24 Time: 1418
Received By: [Signature] Date: [Blank] Time: [Blank]
Verbal Result: [X] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechenv.com
REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C: -8.12 Corrected Temp. °C: -8.72
Sample Condition Cool Intact [X] Yes [] No
CHECKED BY: (Initials) [Signature]
Turnaround Time: Standard [] Rush [X]
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C [] Yes [] No [] No [] No Corrected Temp. °C



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

December 04, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 12/03/24 8:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 112 @ 2' (H247324-01)

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	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 113 @ 2' (H247324-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 114 @ 2' (H247324-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 115 @ 2' (H247324-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 116 @ 2' (H247324-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 117 @ 2' (H247324-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 118 @ 2' (H247324-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 119 @ 2' (H247324-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

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	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 120 @ 2' (H247324-09)

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	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

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	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 121 @ 2' (H247324-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.17	108	2.00	1.54	
Toluene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.938	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.08	104	2.00	0.956	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.20	103	6.00	0.821	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 122 @ 2' (H247324-11)

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	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 123 @ 4' (H247324-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 124 @ 4' (H247324-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 125 @ 4' (H247324-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 126 @ 4' (H247324-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 127 @ 2' (H247324-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	31.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 128 @ 2' (H247324-17)

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	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

Received: 12/03/2024
 Reported: 12/04/2024
 Project Name: SUN BRIGHT FEDERAL 1
 Project Number: 21448
 Project Location: MEWBOURNE 32.65044, -103.67028

Sampling Date: 12/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 129 @ 2' (H247324-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

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

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	12/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 130 @ 2' (H247324-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 131 @ 2' (H247324-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	216	108	200	0.721	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	221	110	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 132 @ 2' (H247324-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 133 @ 2' (H247324-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/03/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832	
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 8 (H247324-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 9 (H247324-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 8 (H247324-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/03/2024
 Reported: 12/04/2024
 Project Name: SUN BRIGHT FEDERAL 1
 Project Number: 21448
 Project Location: MEWBOURNE 32.65044, -103.67028

Sampling Date: 12/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EW 9 (H247324-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450		
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23		
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69		
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39		
Total BTEX	<0.300	0.300	12/03/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832		
DRO >C10-C28*	<10.0	10.0	12/03/2024	ND	201	101	200	1.44		
EXT DRO >C28-C36	<10.0	10.0	12/03/2024	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/02/2024
Reported:	12/04/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: TT 1 @ SUR (H247324-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2024	ND	2.19	109	2.00	0.450	
Toluene*	<0.050	0.050	12/03/2024	ND	2.26	113	2.00	1.23	
Ethylbenzene*	<0.050	0.050	12/03/2024	ND	2.21	111	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/03/2024	ND	6.91	115	6.00	1.39	
Total BTEX	<0.300	0.300	12/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	12/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2024	ND	196	98.2	200	0.832	
DRO >C10-C28*	366	10.0	12/03/2024	ND	201	101	200	1.44	
EXT DRO >C28-C36	200	10.0	12/03/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of samples (1-10) with columns for Lab I.D., Sample I.D., Matrix (Groundwater, Wastewater, Soil, Oil, Sludge), Preservation (Acid/Base, Ice/Cool, Other), Sampling (Date, Time), and Analysis Request (Chloride, TPH, BTEX).

PLEASE NOTE: Cardinal's 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.

Form for Relinquished/Received By, Verbal Result (Yes/No), Remarks (24 HOUR RUSH, Bill analytical charges to Mewbourne and rush charges to Etech), and Delivered By (UPS, Bus, Other) with temperature and sample condition fields.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table of sampling results for various depths (FL 122 @ 2' to FL 131 @ 2').

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished/Received By, Verbal Result, Remarks (24 HOUR RUSH), and Delivered By information, including temperature and condition details.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table with columns for Lab I.D., Sample I.D., Matrix (Groundwater, Wastewater, Soil, Oil, Sludge), Preserv., and Sampling (Date, Time). The table contains 7 rows of data for samples 21 through 27.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form for Relinquished By, Received By, Verbal Result, and Turnaround Time. Includes handwritten signatures, dates (12-3-24), and times (08:10). Remarks include '24 HOUR RUSH' and 'Bill analytical charges to Mewbourne and rush charges to Etech.'



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

December 11, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 12/10/24 8:28.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/10/2024	Sampling Date:	12/06/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 43 @ 4' (H247455-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	12/10/2024	ND	432	108	400	0.00	

Sample ID: FL 47 @ 4' (H247455-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	12/10/2024	ND	432	108	400	0.00	

Sample ID: FL 62 @ 4' (H247455-03)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	242	121	200	0.388	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	217	109	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

Sample ID: FL 85 @ 4' (H247455-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	12/10/2024	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/10/2024	Sampling Date:	12/06/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 86 @ 4' (H247455-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2290	16.0	12/10/2024	ND	432	108	400	0.00	

Sample ID: FL 87 @ 4' (H247455-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	12/10/2024	ND	432	108	400	0.00	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO		ANALYSIS REQUEST							
Project Manager: Lance Crenshaw		P.O. #:		Chloride TPH (8015M) BTEX (8021B)							
Address: 2617 West Marland		Company: SEE REMARKS									
City: Hobbs State: NM Zip: 88240		Attn:									
Phone #: (575) 264-9884 Fax #:		Address:									
Project #: 21448 Project Owner: Mewbourne		City:									
Project Name: Sun Bright Federal #001		State: Zip:									
Project Location: 32.65044, -103.67028		Phone #:									
Sampler Name: Martin Sepulveda		Fax #:									

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
1	FL 43 @ 4'	C	1			X				X		12/9/24		X				
2	FL 47 @ 4'	C	1			X				X		12/9/24		X				
3	FL 62 @ 4'	C	1			X				X		12/9/24			X			
4	FL 85 @ 4'	C	1			X				X		12/9/24		X				
5	FL 86 @ 4'	C	1			X				X		12/9/24		X				
6	FL 87 @ 4'	C	1			X				X		12/9/24		X				

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Relinquished By:	Date: 12/10/24 Time: 8:38	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: pm@etechenv.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: -08 Corrected Temp. °C: -12	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS: *Customer requested sample date changes to 12/10/24 24 HOUR RUSH Bill analytical charges to Mewbourne and rush charges to Etech.
	CHECKED BY: (Initials)	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C



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

December 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 12/12/24 14:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 4 (H247540-01)

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	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	183	91.7	200	3.28	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	183	91.6	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 5 (H247540-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555		
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	183	91.7	200	3.28		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	183	91.6	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 6 (H247540-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	183	91.7	200	3.28	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	183	91.6	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 7 (H247540-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555		
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	183	91.7	200	3.28		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	183	91.6	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 8 (H247540-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555		
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	183	91.7	200	3.28		
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.6	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: NW 9 (H247540-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555		
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	183	91.7	200	3.28		
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.6	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND						

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 3 (H247540-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	183	91.7	200	3.28	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.6	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 4 (H247540-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 5 (H247540-09)

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	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 6 (H247540-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: EW 7 (H247540-11)

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	12/12/2024	ND	2.09	104	2.00	0.555		
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62		
Total BTEX	<0.300	0.300	12/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
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 Fax To:

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 3 (H247540-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
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 Fax To:

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 4 (H247540-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 5 (H247540-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.09	104	2.00	0.555	
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.66	111	6.00	2.62	
Total BTEX	<0.300	0.300	12/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 6 (H247540-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16	
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 7 (H247540-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16		
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: SW 8 (H247540-17)

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	12/12/2024	ND	1.96	98.1	2.00	4.16		
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 4 (H247540-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16	
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

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	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 5 (H247540-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16		
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 6 (H247540-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16	
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

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	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 7 (H247540-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16		
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 8 (H247540-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16	
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 9 (H247540-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16		
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	186	92.9	200	0.930		
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.3	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: WW 10 (H247540-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.96	98.1	2.00	4.16	
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	99.8	2.00	4.62	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.01	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.03	101	6.00	4.55	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	186	92.9	200	0.930	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.3	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda

Table with columns: Lab I.D., Sample I.D., (GRAB OR (C)OMP. # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH (8015M), BTEX (8021B). Rows include NW 4-9 and EW 3-6.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: [Signature] Date: 12-12-24 Time: 1445
Received By: [Signature] Date: [Blank] Time: [Blank]
Verbal Result: [] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechenv.com
REMARKS: 24 HOUR RUSH Bill analytical charges to Mewbourne and rush charges to Etech.
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C: -1.5 Corrected Temp. °C: 2.1C
Sample Condition Cool Intact [] Yes [] No [] Yes [] No
CHECKED BY: (Initials) AP
Turnaround Time: Standard [] Rush [X]
Bacteria (only) Cool Intact [] Yes [] No [] Yes [] No
Thermometer ID #140 Correction Factor -0.6°C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda

Table with columns: Lab I.D., Sample I.D., (GRAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH (8015M), BTEX (8021B). Rows 11-20 contain sample data.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 12-12-24 Time: 1405
Received By: [Signature] Date:
Verbal Result: [] Yes [] No Add'l Phone #:
REMARKS: * Customer approved changes. TO 12/12/24
24 HOUR RUSH
Bill analytical charges to Mewbourne and rush charges to Etech.
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C: -1.5 Corrected Temp. °C: -2.12
Sample Condition: Cool Intact [] Yes [] No
CHECKED BY: [Signature]
Thermometer ID #140 Correction Factor -0.6°C
Bacteria (only) Sample Condition: Cool Intact [] Yes [] No Observed Temp. °C Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda
BILL TO ANALYSIS REQUEST
Chloride TPH (8015M) BTEX (8021B)

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 12-12-24 Time: 1445
Received By: [Signature] Date:
Verbal Result: [] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechny.com
REMARKS: * Customer approved changes T.O. 12/12/24
24 HOUR RUSH
Bill analytical charges to Mewbourne and rush charges to Etech.
Delivered By: (Circle One) Observed Temp. °C 15.0 Corrected Temp. °C -2.12
Sample Condition Cool Intact [] Yes [] No
CHECKED BY: (Initials) [Signature]
Turnaround Time: Standard [] Rush [X]
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C



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

January 02, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 12/31/24 14:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/27/2024
Reported:	01/02/2025	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 15 @ 2' (H247807-01)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	01/02/2025	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	12/31/2024	ND	205	102	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	205	103	200	8.58	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form with sections: Company Name, Project Manager, Address, City, State, Zip, Phone #, Fax #, Project #, Project Owner, Project Name, Project Location, Sampler Name, BILL TO, ANALYSIS REQUEST, Lab I.D., Sample I.D., MATRIX, PRESERV, SAMPLING, Chloride, TPH, BTEX 8021.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Form with sections: Relinquished By, Date, Time, Received By, Date, Time, Sample Condition, CHECKED BY, Phone Result, Fax Result, REMARKS, RUSH!!!, Bill To Etech, Sample to Newbourne.

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



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

March 17, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 03/11/25 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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/11/2025	Sampling Date:	03/11/2025
Reported:	03/17/2025	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 47 @ 4' (H251441-01)

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	03/12/2025	ND	2.02	101	2.00	2.11	
Toluene*	<0.050	0.050	03/12/2025	ND	2.09	105	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.28	114	2.00	6.51	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.92	115	6.00	7.36	
Total BTEX	<0.300	0.300	03/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	03/12/2025	ND	464	116	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	03/12/2025	ND	210	105	200	2.90	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	198	98.9	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/11/2025	Sampling Date:	03/11/2025
Reported:	03/17/2025	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 62 @ 4' (H251441-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.02	101	2.00	2.11	
Toluene*	<0.050	0.050	03/12/2025	ND	2.09	105	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.28	114	2.00	6.51	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.92	115	6.00	7.36	
Total BTEX	<0.300	0.300	03/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	03/12/2025	ND	464	116	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	03/12/2025	ND	210	105	200	2.90	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	198	98.9	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/11/2025	Sampling Date:	03/11/2025
Reported:	03/17/2025	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 86 @ 4' (H251441-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.02	101	2.00	2.11	
Toluene*	<0.050	0.050	03/12/2025	ND	2.09	105	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.28	114	2.00	6.51	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.92	115	6.00	7.36	
Total BTEX	<0.300	0.300	03/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	03/12/2025	ND	464	116	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	03/12/2025	ND	210	105	200	2.90	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	198	98.9	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/11/2025	Sampling Date:	03/11/2025
Reported:	03/17/2025	Sampling Type:	Soil
Project Name:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 87 @ 4' (H251441-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.02	101	2.00	2.11	
Toluene*	<0.050	0.050	03/12/2025	ND	2.09	105	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.28	114	2.00	6.51	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.92	115	6.00	7.36	
Total BTEX	<0.300	0.300	03/12/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	03/12/2025	ND	464	116	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	03/12/2025	ND	210	105	200	2.90	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	198	98.9	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Sun Bright Federal #001), and a table for analysis results with columns for Lab I.D., Sample I.D., Matrix, Preservation, Sampling, and various chemical parameters like Chloride, TPH, and BTEX.

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Bottom section of the form containing 'Relinquished By' and 'Received By' signatures, dates, times, and remarks. Includes fields for 'Delivered By', 'Observed Temp.', 'Sample Condition', and 'Turnaround Time'.



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

April 09, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SUN BRIGHT FEDERAL #001

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

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:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 43 @ 4' (H251994-01)

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	04/06/2025	ND	1.97	98.7	2.00	5.98	
Toluene*	<0.050	0.050	04/06/2025	ND	2.04	102	2.00	3.46	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.04	102	2.00	2.79	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	6.45	108	6.00	3.07	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/04/2025	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	04/06/2025	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 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 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:	SUN BRIGHT FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	21448	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.65044, -103.67028		

Sample ID: FL 85 @ 4' (H251994-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2025	ND	1.97	98.7	2.00	5.98	
Toluene*	<0.050	0.050	04/06/2025	ND	2.04	102	2.00	3.46	
Ethylbenzene*	<0.050	0.050	04/06/2025	ND	2.04	102	2.00	2.79	
Total Xylenes*	<0.150	0.150	04/06/2025	ND	6.45	108	6.00	3.07	
Total BTEX	<0.300	0.300	04/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	04/04/2025	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	04/06/2025	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 80.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21448 Project Owner: Mewbourne
Project Name: Sun Bright Federal #001
Project Location: 32.65044, -103.67028
Sampler Name: Martin Sepulveda
BILL TO
ANALYSIS REQUEST
Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH (8015M), BTEX (8021B)

PLEASE NOTE: Liability and Damages. Cardinal's 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.

Relinquished By: [Signature] Date: 4-3-25 Time: 1450
Received By: [Signature] Date: Received By:
Verbal Result: [] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: pm@etechenv.com
REMARKS:
Delivered By: (Circle One) Observed Temp. °C: -5.5 Corrected Temp. °C: -5.2
Sample Condition Cool Intact [] Yes [] No
CHECKED BY: (Initials) SK
Turnaround Time: Standard [] Rush [X]
Bacteria (only) Sample Condition Cool Intact [] Yes [] No Observed Temp. °C Corrected Temp. °C

Appendix E

Regulatory Correspondence

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406028
Date: Friday, November 22, 2024 6:47:50 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 11/27/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406029
Date: Friday, November 22, 2024 6:52:42 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 12/02/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406030
Date: Friday, November 22, 2024 7:02:02 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 12/03/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406031
Date: Friday, November 22, 2024 7:06:51 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 12/04/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406032
Date: Friday, November 22, 2024 7:11:07 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 12/05/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 406033
Date: Friday, November 22, 2024 7:14:33 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 12/06/2024 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [Hamlet, Robert, EMNRD](#)
To: [Ben Arguijo](#)
Cc: [Connor Walker](#); [Jeff Broom](#); [Lance Crenshaw](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: (Extension Approval) - nAPP2432741490 - Sunbright Federal #1
Date: Monday, February 10, 2025 2:52:26 PM
Attachments: [image003.png](#)

Ben,

OCD Permitting has been revamped recently and automatically defaults to 90 days for a Remediation Closure Report Extension, which this appears to be. An extension to **May 12th, 2025** is approved. Please include this e-mail correspondence in the Remediation Closure Report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, February 10, 2025 1:41 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] nAPP2432741490 - Sunbright Federal #1 - Extension Request

From: Ben Arguijo <bena@etechenv.com>
Sent: Monday, February 10, 2025 1:33 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Connor Walker <cwalker@mewbourne.com>; Jeff Broom <jbroom@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>
Subject: [EXTERNAL] nAPP2432741490 - Sunbright Federal #1 - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has contracted Etech Environmental & Safety Solutions, Inc. (Etech), to conduct remediation activities for the release known as the Sunbright Federal #1 (NMOCD Incident #nAPP2432741490) located in Lea County. Pursuant to NMOCD regulations, a work plan or closure report is due for the release today, February 10, 2025.

The release has been remediated to the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards, and a closure report has been prepared documenting remediation activities conducted at the site. However, I inadvertently recorded the wrong due date for the closure report, and Mewbourne has not yet had an opportunity to review it. In consideration of this, Etech, on behalf of Mewbourne, requests a short extension until Friday, February 14, to allow Mewbourne time to review the report and Etech time to make any required revisions before it is submitted to the NMOCD.

If you have any questions or need any additional information, please do not hesitate to contact me by phone or email.

Thank you for your time and consideration.

Respectfully,
Ben J. Arguijo

Ben J. Arguijo
Project Manager



6309 Indiana Ave., Ste. D
Lubbock, TX 79413
(432) 813-1592

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, February 26, 2025 1:01 PM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 432204

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#) nAPP2432741490, for the following reasons:

- **Remediation closure denied.**
- **Per 19.15.29.12 D(1) The responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC or constituents from other applicable remediation standards.**
- **Several submitted confirmation samples were incomplete. Refer to FL 43 @4 feet, FL 86 @ 4 feet, FL 87 @ 4', ect. These samples were collected using only selected constituents of concern listed on Table I. Per the rule, all constituents must be sampled for unless a variance request is approved.**
- **Submit a report via the OCD permitting portal by April 28, 2025.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 432204.

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,
Ashley Maxwell
Projects Environmental Specialist - A
505-635-5000
Ashley.Maxwell@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: Friday, March 7, 2025 3:52 PM
To: Jeff Broom <jbroom@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 440440

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 03/11/2025 @ 07:30

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 447444
Date: Monday, March 31, 2025 7:43:15 PM

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#) nAPP2432741490.

The sampling event is expected to take place:

When: 04/03/2025 @ 07:00

Where: C-21-19S-33E 0 FNL 0 FEL (32.65044,-103.67028)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-62 and Smith Ranch Rd (32.597038, -103.605996), head N on Smith Ranch Rd for 2.20 mi, then W for 0.59 mi, then N for 1.09 mi, then NW for 1.69 mi, then SW across the pad for 0.06 mi to arrive at the Sun Bright Federal 1 release area (32.650111, -103.670250).

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.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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 525552

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2432741490
Incident Name	NAPP2432741490 SUN BRIGHT FEDERAL #1 @ 30-025-29140
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29140] SUN BRIGHT FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SUN BRIGHT FEDERAL #1
Date Release Discovered	11/11/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Fitting Produced Water Released: 160 BBL Recovered: 115 BBL Lost: 45 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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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 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	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.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	n/a

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 11/11/2025
--	---

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

QUESTIONS, Page 3

Action 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (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	Greater than 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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
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)	3480
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1140
GRO+DRO (EPA SW-846 Method 8015M)	893
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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	11/19/2024
On what date will (or did) the final sampling or liner inspection occur	12/27/2024
On what date will (or was) the remediation complete(d)	12/27/2024
What is the estimated surface area (in square feet) that will be reclaimed	5191
What is the estimated volume (in cubic yards) that will be reclaimed	769
What is the estimated surface area (in square feet) that will be remediated	23777
What is the estimated volume (in cubic yards) that will be remediated	1380

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
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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 4

Action 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	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.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	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.

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 11/11/2025
--	---

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

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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 5

Action 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
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

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<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 6

Action 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	447444
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/03/2025
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	23777
What was the total volume (cubic yards) remediated	1380
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	5191
What was the total volume (in cubic yards) reclaimed	769
Summarize any additional remediation activities not included by answers (above)	n/a

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: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 11/11/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

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 7

Action 525552

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 525552
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 525552

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	11/18/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	11/18/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/18/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	11/18/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/18/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	11/18/2025