

Remediation Summary & Soil Closure Request

Goodnight Midstream Permian, LLC Cheddar Roll-Off Overflow

Lea County, New Mexico
Unit Letter Lea, Section 28, Township 21 South, Range 32 East
Latitude 32.44664 North, Longitude 103.68757 West
NMOCD Reference No. nAPP2512447187

Prepared By:

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Robbie Runnels



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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 51 and 75 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
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?	Between 1000 (ft.) and ½ (mi.)
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 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?	Between 1 and 5 (mi.)
A (non-karst) unstable area?	Between 1000 (ft.) and ½ (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 type="checkbox"/> Yes <input checked="" 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. Depth to groundwater and NMOCD siting information is provided as 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 NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

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

* Measured in milligrams per kilogram (mg/kg)

** 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 REMEDIATION ACTIVITIES SUMMARY

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?	5/9/2025	
On what date will (or did) the final sampling or liner inspection occur?	5/23/2025	
On what date will (or was) the remediation complete(d)?	6/3/2025	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	4,650	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	207	
What was the total surface area (sq. ft.) that has or will be remediated?	3,800	
What was the total volume (cy) that has or will be remediated?	60	
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?	Lea Land, Inc.	
NMOCD Disposal Facility ID?	fEEM0112342028	
Summarize any additional remediation activities not included by answers above.	See below	

On May 13, 2025, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD 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 NMOCD Closure Criteria. Representative five-point composite confirmation soil samples were collected every 200 square feet 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 Observable Concentration	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	8,960	FL 22 @ 0.25'	5/13/2025	0.25	In-Situ
TPH	2,170	FL - 19	5/13/2025	0.25	Excavated
GRO+DRO	1,800	FL - 19	5/13/2025	0.25	Excavated
BTEX	<0.300	All submitted samples	5/13 - 5/23/2025	0.25 - 0.5	Excavated and In-Situ
Benzene	<0.050	All submitted samples	5/13 - 5/23/2025	0.25 - 0.5	Excavated and In-Situ

Please reference Table 1 for additional information.

On May 13, 2025, Etech collected 38 confirmation soil samples (FL - 1 through FL - 25, EW - 1 through EW - 3, NW - 1 through NW 3, SW - 1 through SW - 4, and WW - 1 through WW - 4) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples FL - 2, FL - 8, FL - 14, FL - 16, FL - 19, and FL - 23 which exceeded the closure criteria for TPH.

On May 23, 2025, Etech collected six (6) confirmation soil samples (FL - 2, FL - 8, FL - 14, FL - 16, FL - 19, and FL - 23) from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 60 to 135 feet in length, 25 to 90 feet in width, and 0.25 to 0.5 feet in depth. During the course of remediation activities, Etech transported approximately 60 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 60 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data 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.

5.0 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?	3,800	
What was the total volume (cy) remediated?	60	

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends Goodnight Midstream Permian, LLC, provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Site.

6.0 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 checked="" type="checkbox"/> Yes	<input 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?	0	
What was the total volume (in cubic yards) reclaimed?	0	

On May 22, 2025, in accordance with NMOCD requirements, a 5-point composite soil sample (Lea Land Backfill) was collected from the imported material stockpiled on-site to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

On June 3, 2025, 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 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 production pad of an active tank battery and did not impact the adjacent pasture. Final reclamation will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated with a certified weed-free BLM #2 seed mix (or other agency and/or landowner-approved seed mix) during the first favorable growing season following closure of the facility. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

7.0 LIMITATIONS

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

8.0 DISTRIBUTION

Goodnight Midstream Permian, LLC

5910 N Central Expy

Suite 800

Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2

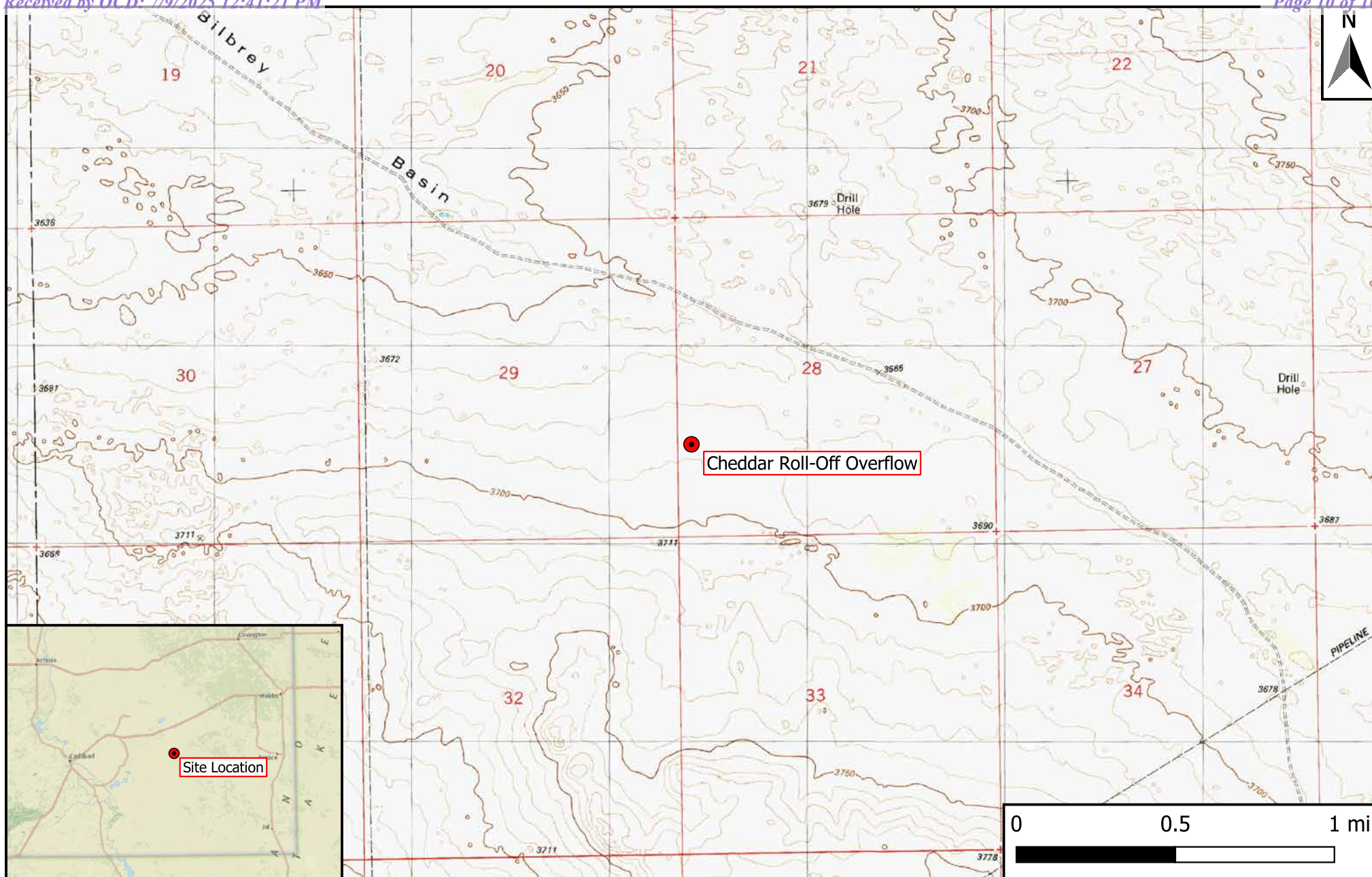
811 S. First Street

Artesia, NM 88210

(Electronic Submission)

Figure 1

Site Location Map



Legend

- Site Location

Figure 1

Site Location Map
 Goodnight Midstream Permian, LLC
 Cheddar Roll-Off Overflow
 GPS: 32.44664, -103.687570
 Lea County, New Mexico



Drafted: mag

Checked: rlc

Date: 2025-05-05

Figures 2A & 2B

Site Characterization Maps

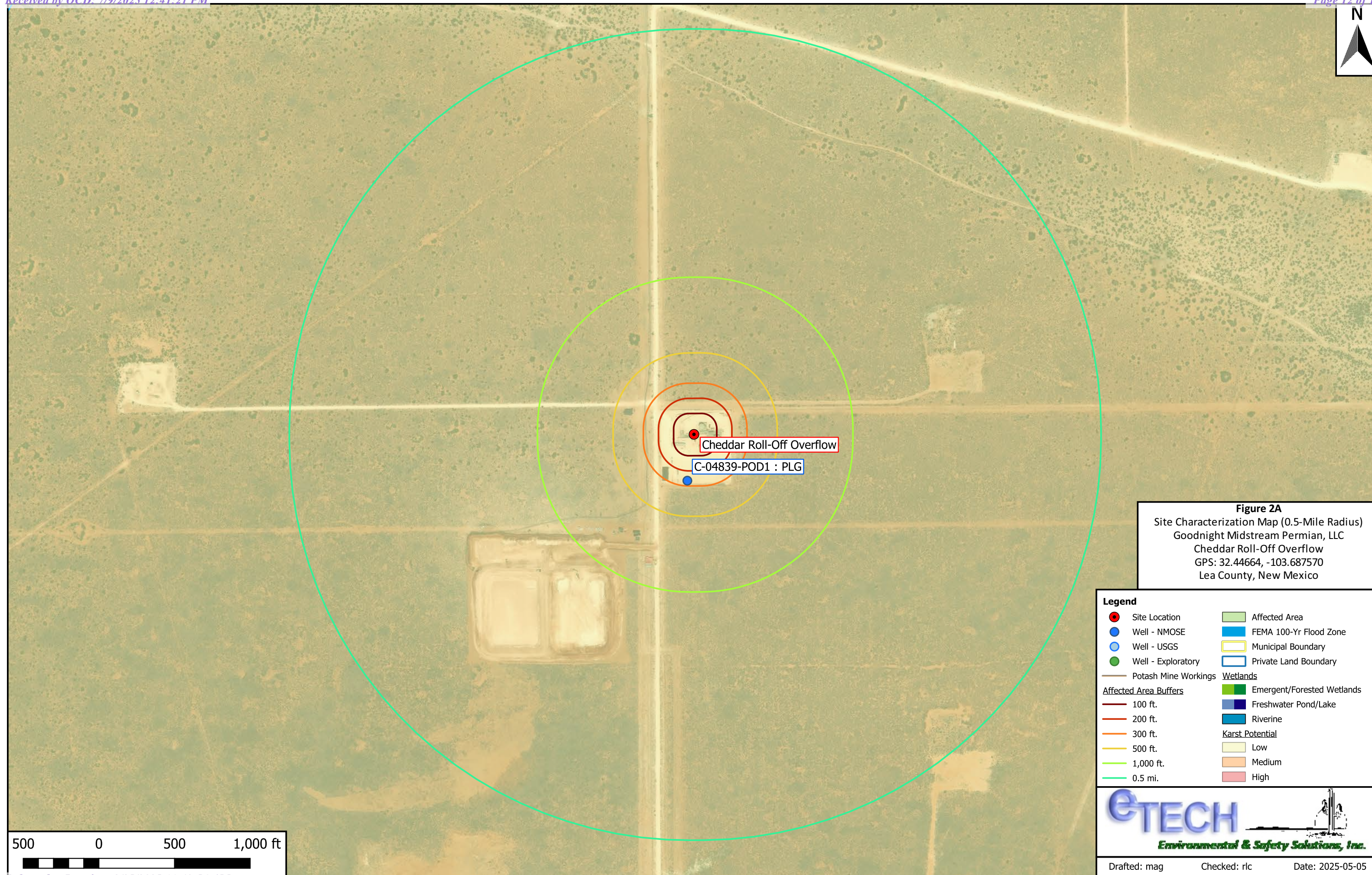


Figure 2A
Site Characterization Map (0.5-Mile Radius)
Goodnight Midstream Permian, LLC
Cheddar Roll-Off Overflow
GPS: 32.44664, -103.687570
Lea County, New Mexico

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

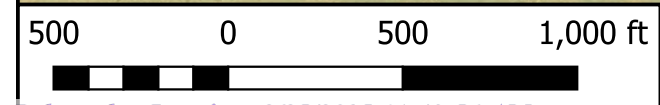


Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: rlc

Date: 2025-05-05



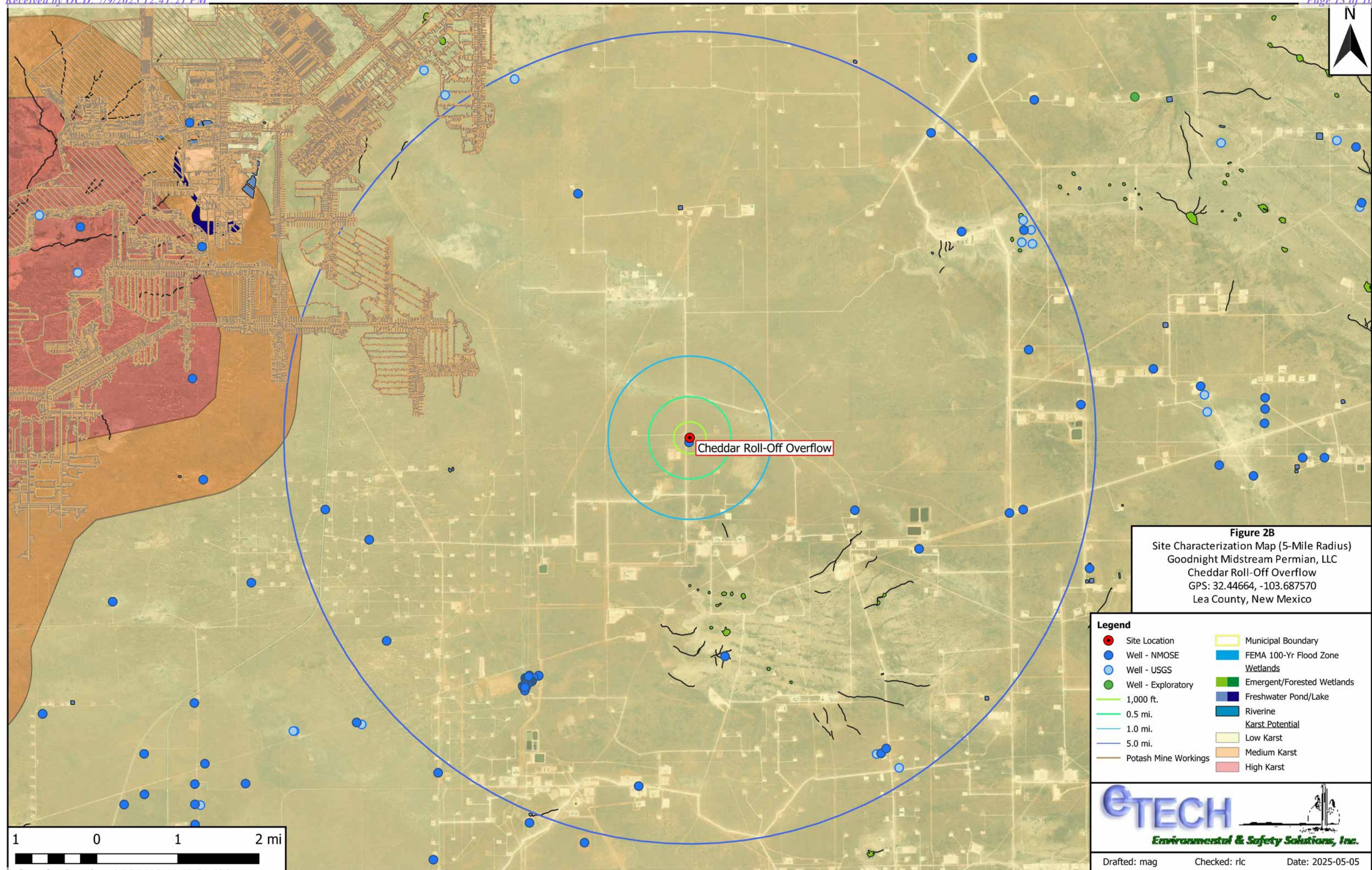
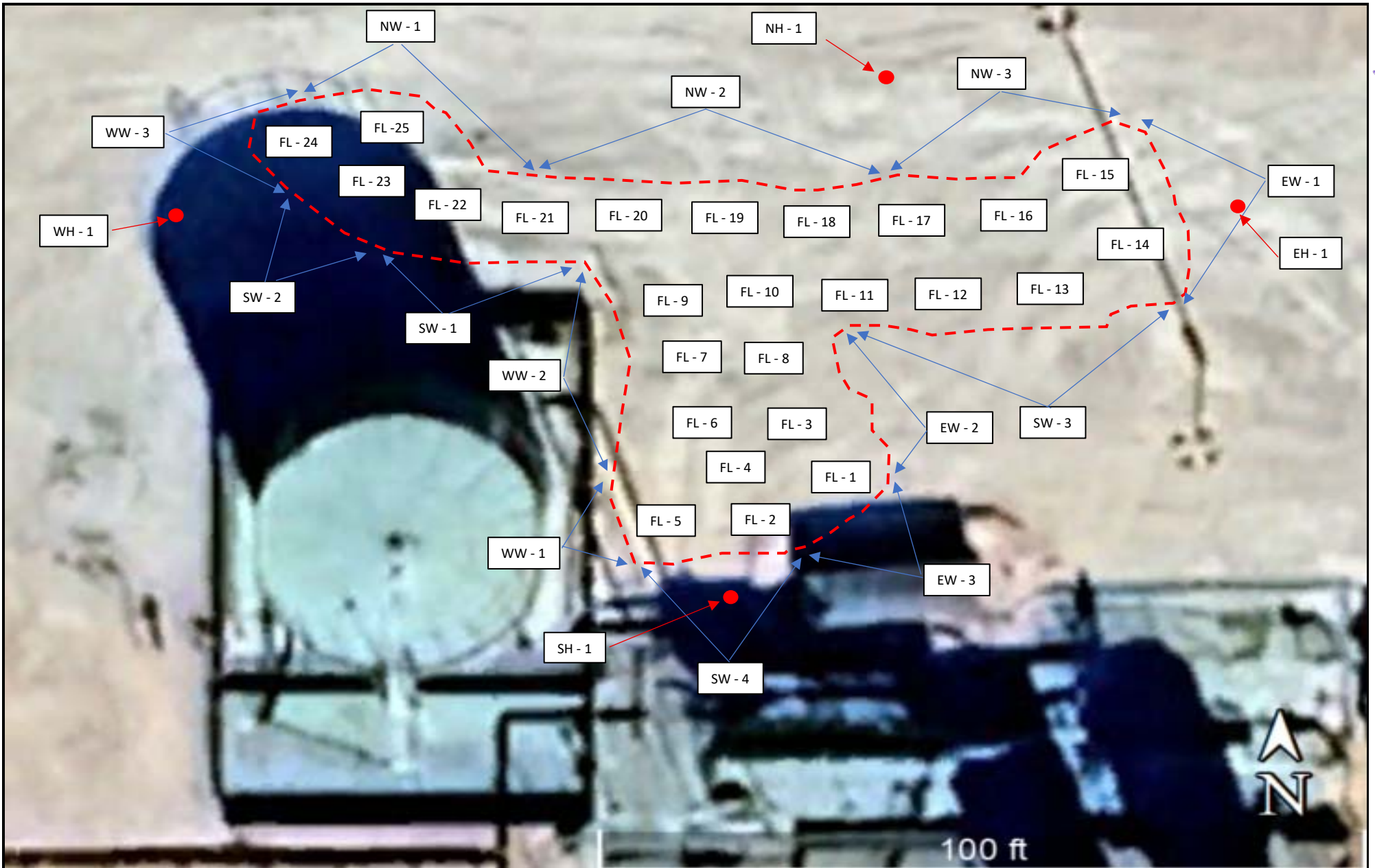


Figure 3

Sample Location Map



Legend:

- FL - ? Sample Area
- Excavated Area
- Sample Point

Figure 3
 Sample Location Map
 Goodnight Midstream Permian, LLC
 Cheddar Roll-Off Overflow
 GPS: 32.44664, -103.68757
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: rr Checked: jwl Date: 7/2/25

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Cheddar Roll-Off Overflow
NMOCD Ref. #: nAPP2512447187

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
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)
EH - 1	5/13/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH - 1	5/13/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH - 1	5/13/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH - 1	5/13/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL - 1	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	65.4	65.4	18.6	84.0	5,600
FL - 2	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,050	1,050	253	1,300	4,240
FL - 2 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL - 3	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	485	485	96.9	582	4,880
FL - 4	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	503	503	122	625	1,100
FL - 5	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	104	104	47.3	151	448
FL - 6	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	58.7	58.7	14.3	73.0	3,400
FL - 7	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	836	836	214	1,050	384
FL - 8	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,170	1,170	299	1,470	512
FL - 8 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL - 9	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	207	207	79.9	287	944
FL - 10	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	534	534	167	701	2,840
FL - 11	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	557	557	150	707	3,080
FL - 12	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	453	453	119	572	3,240
FL - 13	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	449	449	111	560	3,400
FL - 14	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,600	1,600	335	1,940	1,140
FL - 14 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL - 15	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	62.9	62.9	10.2	73.1	1,380
FL - 16	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,640	1,640	347	1,990	1,120
FL - 16 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL - 17	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	447	447	109	556	3,760
FL - 18	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	647	647	142	789	4,520
FL - 19	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,800	1,800	374	2,170	1,090
FL - 19 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL - 20	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	55.3	55.3	<10.0	55.3	3,440
FL - 21	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	415	415	95.5	511	1,520
FL - 22	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	56.6	56.6	<10.0	56.6	8,960
FL - 23	5/13/2025	0.25	Excavated	<0.050	<0.300	<10.0	1,460	1,460	300	1,760	1,100
FL - 23 @ 6"	5/23/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL - 24	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	445	445	90.8	536	4,840
FL - 25	5/13/2025	0.25	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
EW - 1	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	111	111	26.8	138	176
EW - 2	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	145	145	32.0	177	4,800
EW - 3	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
NW - 1	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	345	345	88.4	433	1,090
NW - 2	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	33.0	33.0	<10.0	33.0	4,600
NW - 3	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	111	111	12.2	123	640

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Cheddar Roll-Off Overflow
NMOCD Ref. #: nAPP2512447187

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C₆-C₁₀ (mg/kg)	DRO C₁₀-C₂₈ (mg/kg)	GRO + DRO C₆-C₂₈ (mg/kg)	ORO C₂₈-C₃₆ (mg/kg)	TPH C₆-C₃₆ (mg/kg)	Chloride (mg/kg)
SW - 1	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	192	192	46.0	238	4,600
SW - 2	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	20.5	20.5	<10.0	20.5	5,520
SW - 3	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	316	316	82.8	399	816
SW - 4	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	208	208	54.5	263	4,000
WW - 1	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	321	321	85.2	406	848
WW - 2	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	424	424	116	540	4,720
WW - 3	5/13/2025	0-0.25	In-Situ	<0.050	<0.300	<10.0	167	167	47.6	215	4,200
Lea Land Backfill	5/22/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	80.0

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

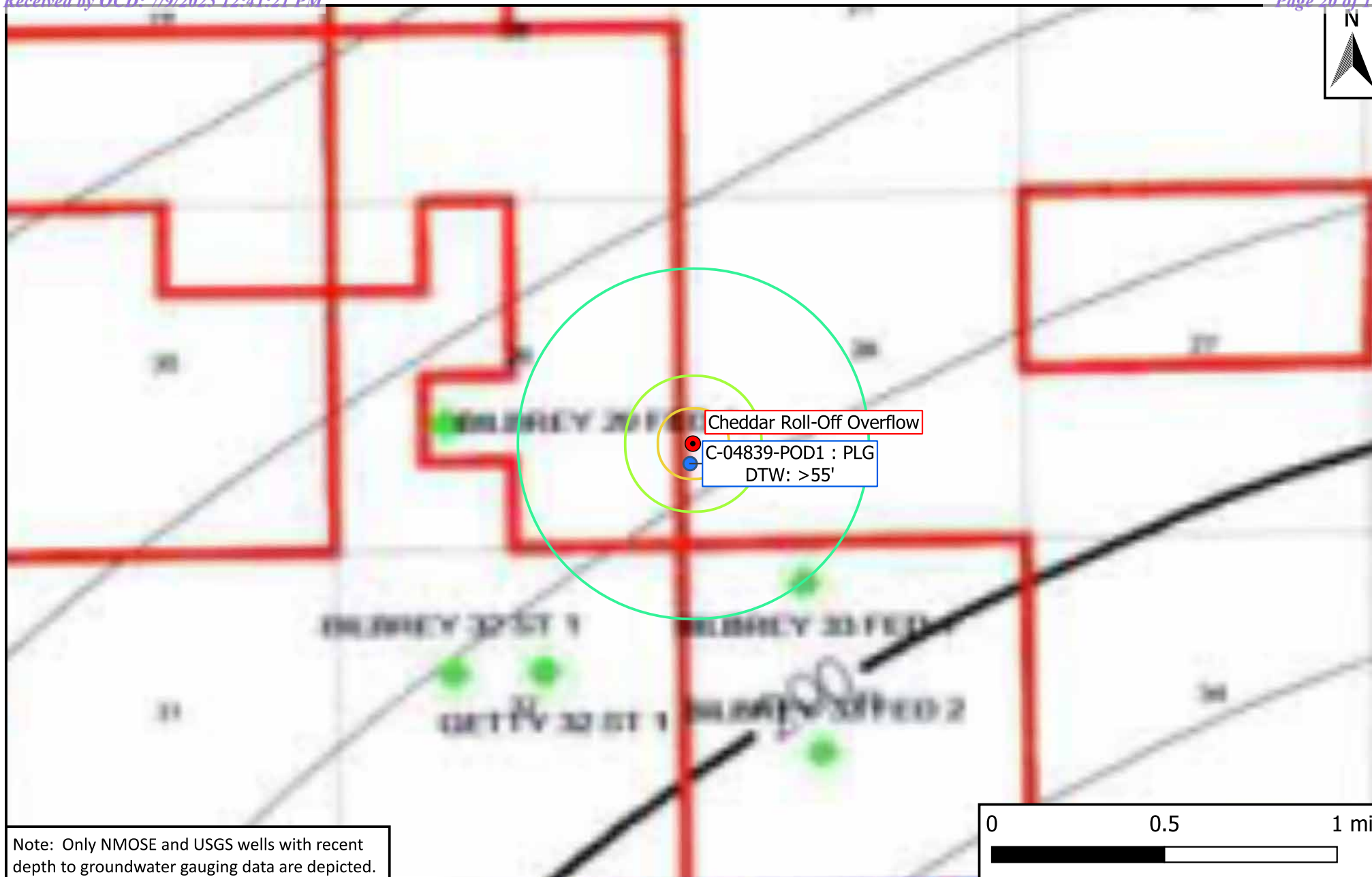
Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater and NMOCD Siting Information



Legend

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

Figure 4

Inferred Depth to Groundwater Map
 Goodnight Midstream Permian, LLC
 Cheddar Roll-Off Overflow
 GPS: 32.44664, -103.687570
 Lea County, New Mexico




Drafted: mag

Checked: rlc

Date: 2025-05-05

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest								NAD83 UTM in meters		
Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04839 POD1	NW	SW	SW	28	21S	32E	623353.3	3590609.0	

* UTM location was derived from PLSS - see Help

Driller License:	1755	Driller Company:	HUNGRY HORSE, LLC.		
Driller Name:	JOHN NORRIS				
Drill Start Date:	2024-06-14	Drill Finish Date:	2024-06-14	Plug Date:	2024-08-26
Log File Date:	2024-08-15	PCW Rcv Date:	Source:		
Pump Type:	Pipe Discharge Size:		Estimated Yield:		
Casing Size:	Depth Well:		55	Depth Water:	

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

I. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO.		OSE FILE NO(S). C 04839	
	WELL OWNER NAME(S) Goodnight Midstream Permian, LLC				PHONE (OPTIONAL) 432-530-9517	
	WELL OWNER MAILING ADDRESS 11612 Tower Road				CITY Midland	STATE TX
					ZIP 79707	
WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 26	SECONDS 44.89	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE 103		41	15.78		W
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit Letter M, Section 28, T21S, R32E						

[illegible]

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO		<u>*(if using Centralizers for Artesian wells- indicate the spacing below)</u>		
	0	10	6	bentonite chips	1.96	tremie
	10	55	6	native soil	8.84	shovel

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4839		POD NO. 1	TRN NO. 760735
LOCATION 215-32E-28 133			WELL TAG ID NO. NA
			PAGE 1 OF 2

Appendix B

Field Data



Sample Log

Date: 5-13-25

Project:

Project Number:

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-1		4,420 SL-3	1A.40
FL-2		3,132 NW-3	2,860
FL-3		4,800 SW-4	1,316
FL-4		1,464	
FL-5		2,224	
FL-6		2,632	
FL-7		6,632	
FL-8		1,316	
FL-9		1,316	
FL-10		2,860	
FL-11		3,424	
FL-12		4,014	
FL-13		4,064	
FL-14		3,132	
FL-15		1,716	
FL-16		3,644	
FL-17		1,716	
FL-18		3,152	
FL-19		4,800	
FL-20		1,716	
FL-21		2,860	
FL-22		1,464	
FL-23		5,644	
FL-24		1,716	
FL-25		4,800	
FL-26		3,732	
WW-1		1,040	
SW-1		4,800	
WW-2		3,732	
NW-1		1,040	
NW-2		3,732	
EW-1		1,040	
SW-2		3,732	
FW-2		4,800	
NW-3		1,040	
EW-3		4,800	

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: Cheddar Roll-Off Overflow

Project Number: 22271

Latitude: 32.44664

Longitude: -103.68757

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-1		2761	
FL-2		6120	
FL-3		1716	
FL-4		3132	
FL-5		260	
FL-6		372	
FL-7		656	
FL-8		976	
FL-9		656	
FL-10		412	
FL-11		704	
FL-12		836	
FL-13		772	
FL-14		600	
FL-15		976	
FL-16		904	
FL-17		836	
FL-18		836	
FL-19		904	
FL-20		836	
FL-21		772	
FL-22		656	
FL-23		548	
FL-24		772	
FL-25		548	
5-23-25			
FL-2 @ 6"	-	352	
FL-8 @ 6"	-	940	
FL-19 @ 6"	-	396	
FL-16 @ 6"	-	500	
FL-19 @ 6"	-	352	
FL-23 @ 6"	-	488	

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

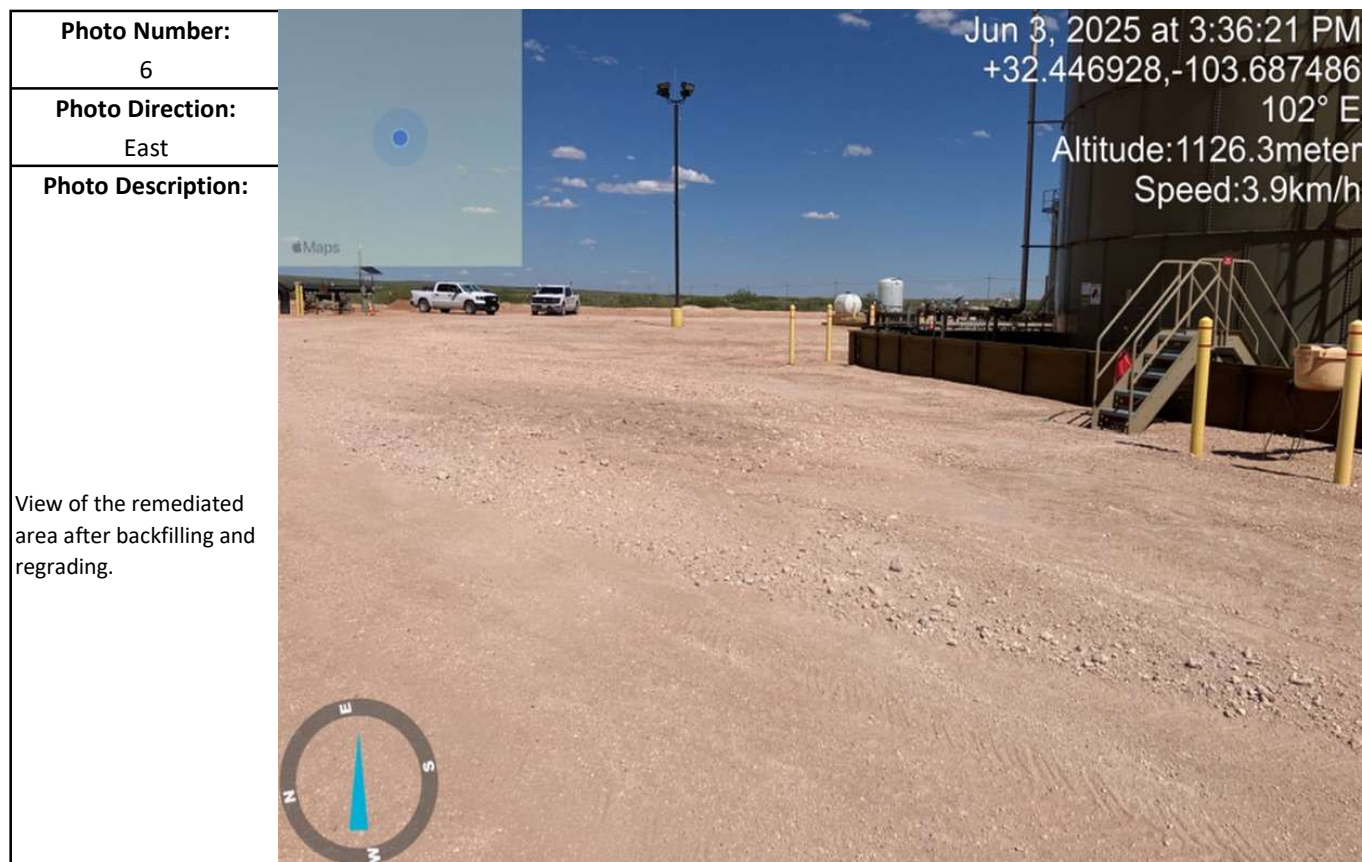
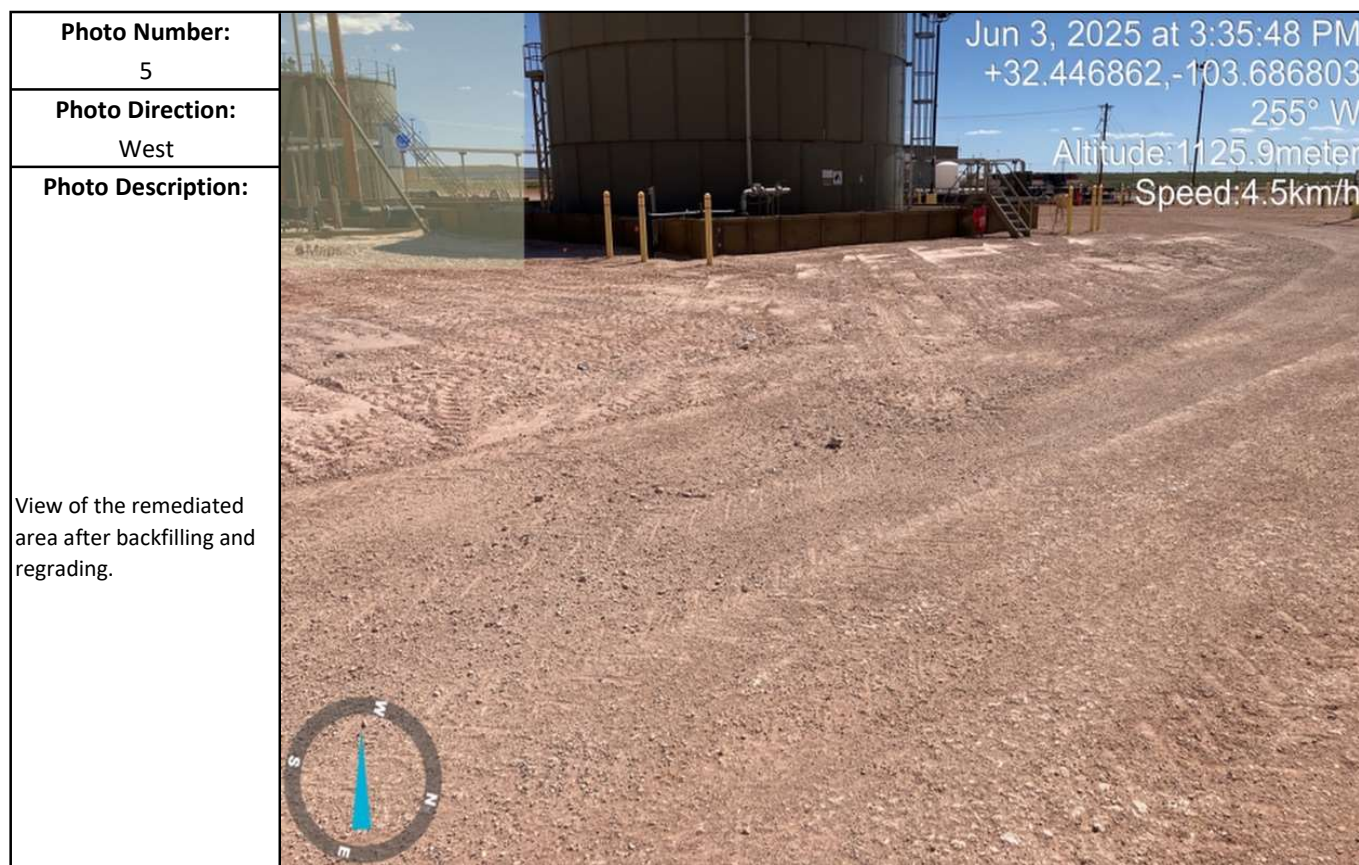
Photographic Log



Photographic Log



Photographic Log



Appendix D

Laboratory Analytical Reports



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

May 20, 2025

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CHEDDAR

Enclosed are the results of analyses for samples received by the laboratory on 05/13/25 17:01.

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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H252872-01)

BTX 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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTX	<0.300	0.300	05/15/2025	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	816	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	316	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	82.8	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.4 % 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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW - 3 (H252872-02)

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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTEX	<0.300	0.300	05/15/2025	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	4200	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	167	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	47.6	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

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*=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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (H252872-03)

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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTEX	<0.300	0.300	05/15/2025	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	4000	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	208	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	54.5	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.6 % 40.6-153

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*=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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NH - 1 (H252872-04)

BTX 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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTX	<0.300	0.300	05/15/2025	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	<16.0	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.7 % 40.6-153

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*=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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SH - 1 (H252872-05)

BTX 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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTX	<0.300	0.300	05/15/2025	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	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EH - 1 (H252872-06)

BTX 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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTX	<0.300	0.300	05/15/2025	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	16.0	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.9 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WH - 1 (H252872-07)

BTX 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	05/15/2025	ND	2.16	108	2.00	0.0702		
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00		
Total BTX	<0.300	0.300	05/15/2025	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	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW - 1 (H252872-08)

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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTEX	<0.300	0.300	05/15/2025	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	848	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	321	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	85.2	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (H252872-09)

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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTEX	<0.300	0.300	05/15/2025	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	4600	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	192	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	46.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.3 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW - 2 (H252872-10)

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	05/15/2025	ND	2.16	108	2.00	0.0702	
Toluene*	<0.050	0.050	05/15/2025	ND	2.31	115	2.00	1.95	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.19	110	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.53	109	6.00	2.00	
Total BTEX	<0.300	0.300	05/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	4720	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	424	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	116	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 1 (H252872-11)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEX	<0.300	0.300	05/15/2025	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	1090	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	345	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	88.4	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 2 (H252872-12)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEx	<0.300	0.300	05/15/2025	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	4600	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	33.0	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.1 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW - 1 (H252872-13)

BTX 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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTX	<0.300	0.300	05/15/2025	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	176	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	111	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	26.8	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.6 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (H252872-14)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	5520	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	20.5	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW - 2 (H252872-15)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	4800	16.0	05/16/2025	ND	432	108	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	05/14/2025	ND	210	105	200	0.816	
DRO >C10-C28*	145	10.0	05/14/2025	ND	205	103	200	0.295	
EXT DRO >C28-C36	32.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 3 (H252872-16)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEx	<0.300	0.300	05/15/2025	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	640	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	111	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	12.2	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW - 3 (H252872-17)

BTX 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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTX	<0.300	0.300	05/15/2025	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	5200	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 21 (H252872-18)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	1520	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	415	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	95.5	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 22 (H252872-19)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	8960	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	56.6	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 23 (H252872-20)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	1100	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	1460	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	300	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 142 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 24 (H252872-21)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	4840	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	445	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	90.8	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 25 (H252872-22)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEX	<0.300	0.300	05/15/2025	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	5600	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 11 (H252872-23)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEx	<0.300	0.300	05/15/2025	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	3080	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	557	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	150	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 12 (H252872-24)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEx	<0.300	0.300	05/15/2025	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	3240	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	453	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	119	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 13 (H252872-25)

BTX 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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTX	<0.300	0.300	05/15/2025	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	3400	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	449	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	111	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 14 (H252872-26)

BTX 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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTX	<0.300	0.300	05/15/2025	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	1140	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	1600	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	335	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 135 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 15 (H252872-27)

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	05/15/2025	ND	2.15	107	2.00	1.32		
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29		
Total BTEx	<0.300	0.300	05/15/2025	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	1380	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	62.9	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	10.2	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 16 (H252872-28)

BTX 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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTX	<0.300	0.300	05/15/2025	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	1120	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	1640	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	347	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 140 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 17 (H252872-29)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	3760	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	447	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	109	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 18 (H252872-30)

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	05/15/2025	ND	2.15	107	2.00	1.32	
Toluene*	<0.050	0.050	05/15/2025	ND	2.23	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.17	109	2.00	2.15	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.43	107	6.00	2.29	
Total BTEX	<0.300	0.300	05/15/2025	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	4520	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	647	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	142	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 19 (H252872-31)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	1090	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	1800	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	374	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 153 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 20 (H252872-32)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEX	<0.300	0.300	05/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	3440	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	55.3	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 1 (H252872-33)

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	05/19/2025	ND	1.97	98.6	2.00	2.71	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	3.33	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.05	102	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.29	105	6.00	3.62	
Total BTEX	<0.300	0.300	05/19/2025	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	5600	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	65.4	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	18.6	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 2 (H252872-34)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	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	4240	16.0	05/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	1050	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	253	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 130 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 3 (H252872-35)

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	05/15/2025	ND	1.97	98.6	2.00	2.71	
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62	
Total BTEX	<0.300	0.300	05/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	4880	16.0	05/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	209	105	200	0.944	
DRO >C10-C28*	485	10.0	05/14/2025	ND	199	99.4	200	0.644	
EXT DRO >C28-C36	96.9	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 121 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 4 (H252872-36)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	503	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	122	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 5 (H252872-37)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	104	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	47.3	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 6 (H252872-38)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	58.7	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	14.3	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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

Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 7 (H252872-39)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEx	<0.300	0.300	05/15/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	836	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	214	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 8 (H252872-40)

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	05/15/2025	ND	1.97	98.6	2.00	2.71	
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62	
Total BTEX	<0.300	0.300	05/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	1170	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	299	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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Analytical Results For:

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

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 9 (H252872-41)

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	05/15/2025	ND	1.97	98.6	2.00	2.71	
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33	
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62	
Total BTEx	<0.300	0.300	05/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	207	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	79.9	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/13/2025
 Reported: 05/20/2025
 Project Name: CHEDDAR
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 10 (H252872-42)

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	05/15/2025	ND	1.97	98.6	2.00	2.71		
Toluene*	<0.050	0.050	05/15/2025	ND	2.07	103	2.00	3.33		
Ethylbenzene*	<0.050	0.050	05/15/2025	ND	2.05	102	2.00	3.40		
Total Xylenes*	<0.150	0.150	05/15/2025	ND	6.29	105	6.00	3.62		
Total BTEX	<0.300	0.300	05/15/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	05/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	197	98.4	200	0.365	
DRO >C10-C28*	534	10.0	05/14/2025	ND	202	101	200	1.08	
EXT DRO >C28-C36	167	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.



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

[illegible]

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Relinquished By: 		Date: <u>5-13-25</u>	Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: <u>1701</u>			All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:	Received By:		REMARKS:	
		Time:				
Delivered By: (Circle One)		Observed Temp. °C <u>1.8</u>	Sample Condition <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	CHECKED BY: (Initials) <u>TS</u>	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C
Sampler - <u>UPS</u> - Bus - Other:		Corrected Temp. °C <u>2.1</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor <u>-0.6</u> <u>+0.3°C</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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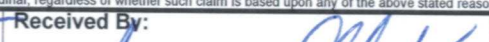
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 46 of 49

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO		ANALYSIS REQUEST														
Project Manager:				P.O. #:		Chloride	TPH (8015M)	BTEX (8021B)												
Address: 2617 West Marland				Company:																
City: Hobbs State: NM Zip: 88240				Attn:																
Phone #: (575) 264-9884 Fax #:				Address:																
Project #: Project Owner:				City:																
Project Name: Cheddar				State: Zip:																
Project Location:				Phone #:																
Sampler Name: Martin				Fax #:																
FOR LAB USE ONLY		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				
H252872	8 WW-1	C																		
	9 SW-1																			
	10 WW-2																			
	11 NW-1																			
	12 NW-2																			
	13 FW-1																			
	14 SW-2																			
	15 FW-2																			
	16 NW-3																			
	17 FW-3																			

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Relinquished By: 		Date: <u>5-13-25</u>		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <u>1701</u>		Received By:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Relinquished By:		Time:		Received By:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler: <u>UPS</u> - Bus - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		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 <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
				CHECKED BY: (Initials)		Thermometer ID #140 Correction Factor <u>-0.32</u>	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 47 of 49

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: <i>Lance Cronshaw</i>				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>											
Address: 2617 West Marland				Company:															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #:				City:															
Project Name: <i>Chcddlar</i>				State: Zip:															
Project Location:				Phone #:															
Sampler Name: <i>Martin</i>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING							
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								OIL											
								SLUDGE											
								OTHER:											
								ACID/BASE:											
								ICE / COOL											
								OTHER:											
										DATE		TIME							
<i>1850872</i>		<i>18 FL-21</i>		<i>C</i>								<i>5-13-25</i>		<i>9:30</i>					
<i>19</i>		<i>FL-22</i>		<i>I</i>															
<i>20</i>		<i>FL-23</i>		<i>I</i>															
<i>21</i>		<i>FL-24</i>		<i>I</i>															
<i>22</i>		<i>FL-25</i>		<i>I</i>															
<i>FL-26</i>																			
<i>FL-27</i>																			
<i>FL-28</i>																			

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Relinquished By: <i>[Signature]</i>		Date: <i>5-13-25</i>		Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: <i>7:01</i>				All Results are emailed. Please provide Email address:		pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:	
<input checked="" type="checkbox"/> Sampler <input type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:		<i>1.8</i>		<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact		<i>TC</i>		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
		Corrected Temp. °C		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #140	
		<i>2.1</i>		<input type="checkbox"/> No <input type="checkbox"/> No				Correction Factor <i>-0.6°C</i>	
								Bacteria (only) Sample Condition	
								Cool Intact Observed Temp. °C	
								<input type="checkbox"/> Yes <input type="checkbox"/> Yes	
								<input type="checkbox"/> No <input type="checkbox"/> No	
								Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 48 of 49

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: <i>Lance Crenshaw</i>				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)									
Address: 2617 West Marland				Company:															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: <i>Cheddar</i>				State: Zip:															
Project Location:				Phone #:															
Sampler Name: <i>Martin</i>				Fax #:															
FOR LAB USE ONLY																			
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					
<i>1050872</i>																			
<i>23</i>	<i>FL-11</i>	<i>C</i>				<i>/</i>				<i>/</i>			<i>5-13-25</i>	<i>4:30</i>	<i>/</i>	<i>/</i>	<i>/</i>		
<i>24</i>	<i>FL-12</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>25</i>	<i>FL-13</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>26</i>	<i>FL-14</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>27</i>	<i>FL-15</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>28</i>	<i>FL-16</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>29</i>	<i>FL-17</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>30</i>	<i>FL-18</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>31</i>	<i>FL-19</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		
<i>32</i>	<i>FL-20</i>	<i> </i>				<i> </i>				<i> </i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>	<i> </i>		

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Relinquished By:		Date: 3-13-25		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: 1701				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C 1.8		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 2.1				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
						Thermometer ID #140 Correction Factor -0.6°C +0.3°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No 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.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Grenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																					
Address: 2617 West Marland				Company:																									
City: Hobbs State: NM Zip: 88240				Attn:																									
Phone #: (575) 264-9884 Fax #:				Address:																									
Project #:				Project Owner:																									
Project Name: Cheddar				State: Zip:																									
Project Location:				Phone #:																									
Sampler Name: Martin				Fax #:																									
FOR LAB USE ONLY		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															
		H252872												5-13-25		4:30													
		33 FL-1				C																							
		34 FL-2																											
		35 FL-3																											
		36 FL-4																											
		37 FL-5																											
		38 FL-6																											
		39 FL-7																											
		40 FL-8																											
		41 FL-9																											
		42 FL-10																											

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Relinquished By:		Date: 5-13-25		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 1701						All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date:		Received By:		REMARKS:			
Time:									
Delivered By: (Circle One)		Observed Temp. °C 1.8		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 2.1		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>				Thermometer ID #140 Correction Factor -0.6°C +0.3°C	
				Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>				Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	



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

May 30, 2025

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CHEDDAR

Enclosed are the results of analyses for samples received by the laboratory on 05/23/25 15:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 2 @ 6" (H253132-01)

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	05/27/2025	ND	2.00	100	2.00	2.58		
Toluene*	<0.050	0.050	05/27/2025	ND	2.06	103	2.00	1.79		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.00	99.9	2.00	0.961		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	5.91	98.5	6.00	0.795		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	320	16.0	05/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 118 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 8 @ 6" (H253132-02)

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	05/27/2025	ND	2.00	100	2.00	2.58	
Toluene*	<0.050	0.050	05/27/2025	ND	2.06	103	2.00	1.79	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	2.00	99.9	2.00	0.961	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	5.91	98.5	6.00	0.795	
Total BTEX	<0.300	0.300	05/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	05/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 111 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 14 @ 6" (H253132-03)

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	05/27/2025	ND	1.86	93.1	2.00	0.103		
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657		
Total BTEx	<0.300	0.300	05/27/2025	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	160	16.0	05/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 16 @ 6" (H253132-04)

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	05/27/2025	ND	1.86	93.1	2.00	0.103		
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657		
Total BTEx	<0.300	0.300	05/27/2025	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	160	16.0	05/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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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
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 19 @ 6" (H253132-05)

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	05/27/2025	ND	1.86	93.1	2.00	0.103		
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657		
Total BTEX	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	160	16.0	05/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/23/2025
 Reported: 05/30/2025
 Project Name: CHEDDAR
 Project Number: 10379
 Project Location: GOODNIGHT

Sampling Date: 05/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 23 @ 6" (H253132-06)

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	05/27/2025	ND	1.86	93.1	2.00	0.103		
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657		
Total BTEx	<0.300	0.300	05/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	160	16.0	05/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	203	102	200	1.50	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	202	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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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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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

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

Page 9 of 9

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																									
Project Manager: Joel Lawry				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																									
Address: 2617 West Marland				Company: Goodnight																																													
City: Hobbs State: NM Zip: 88240				Attn:																																													
Phone #: (575) 264-9884 Fax #:				Address:																																													
Project #: Project Owner:				City:																																													
Project Name: Cheddar				State: Zip:																																													
Project Location:				Phone #:																																													
Sampler Name: Martin Sepulveda				Fax #:																																													
FOR LAB USE ONLY																																																	
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													
HS3132		FL-2 @ 6"																																5-23-25		3:00													
1		FL-8 @ 6"																																															
2		FL-14 @ 6"																																															
3		FL-16 @ 6"																																															
4		FL-19 @ 6"																																															
5		FL-23 @ 6"																																															
6																																																	

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Relinquished By: [Signature]		Date: 5-23-25		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 1:53						All Results are emailed. Please provide Email address:		pm@etechenv.com	
Relinquished By: [Signature]		Date:		Received By:		REMARKS:			
Time:									
Delivered By: (Circle One)		Observed Temp. °C 4.5		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 4.8		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		[Signature]		Bacteria (only) Sample Condition	
								Cool Intact Observed Temp. °C	
								<input type="checkbox"/> Yes <input type="checkbox"/> Yes	
								<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
								Thermometer ID #140	
								Correction Factor -0.6°C	



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

May 29, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LEA LAND BACKFILL

Enclosed are the results of analyses for samples received by the laboratory on 05/23/24 8:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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, stylized 'C' and 'K'.

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:	05/23/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	LEA LAND BACKFILL	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	32.528184, -103.785455		

Sample ID: LEA LAND BACKFILL (H242864-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2024	ND	1.99	99.7	2.00	17.7		
Toluene*	<0.050	0.050	05/25/2024	ND	2.00	100	2.00	12.5		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.01	100	2.00	8.60		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.95	99.2	6.00	8.44		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	80.0	16.0	05/24/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	201	100	200	0.261	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	215	107	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Appendix E

Regulatory Correspondence

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	460281	Districts:	Hobbs
Operator:	[372311] GOODNIGHT MIDSTREAM PERMIAN, LLC	Counties:	Lea
Description:	GOODNIGHT MIDSTREAM PERMIAN, LLC [372311] , Cheddar Roll-Off Overflow , nAPP2512447187		
Status:	APPROVED		
Status Date:	05/08/2025		
References (2):	fAPP2431940658, nAPP2512447187		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2512447187
Incident Name	NAPP2512447187 CHEDDAR ROLL-OFF OVERFLOW @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2431940658] Cheddar RP

Location of Release Source

Site Name	Cheddar Roll-Off Overflow
Date Release Discovered	05/03/2025
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,800
What is the estimated number of samples that will be gathered	37
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2025
Time sampling will commence	09:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	ETech - Joel Lowry - 432.466.4450
Please provide any information necessary for navigation to sampling site	32.4466, -103.6875

Comments

No comments found for this submission.

Conditions

Summary: rtjerina (5/8/2025), 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.

Reasons

No reasons found for this submission.

Go Back

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	465211	Districts:	Hobbs
Operator:	[372311] GOODNIGHT MIDSTREAM PERMIAN, LLC	Counties:	Lea
Description:	GOODNIGHT MIDSTREAM PERMIAN, LLC [372311] , Cheddar Roll-Off Overflow , nAPP2512447187		
Status:	APPROVED		
Status Date:	05/20/2025		
References (2):	fAPP2431940658, nAPP2512447187		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2512447187
Incident Name	NAPP2512447187 CHEDDAR ROLL-OFF OVERFLOW @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2431940658] Cheddar RP

Location of Release Source

Site Name	Cheddar Roll-Off Overflow
Date Release Discovered	05/03/2025
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/23/2025
Time sampling will commence	09:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	ETECH, Joel Lowry 432.466.4450
Please provide any information necessary for navigation to sampling site	32.44664, -103.687570

Comments

No comments found for this submission.

Conditions

Summary: rtijerina (5/20/2025), 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.

Reasons

No reasons found for this submission.

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 483184

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2512447187
Incident Name	NAPP2512447187 CHEDDAR ROLL-OFF OVERFLOW @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2431940658] Cheddar RP

Location of Release Source

Please answer all the questions in this group.

Site Name	Cheddar Roll-Off Overflow
Date Release Discovered	05/03/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 42 BBL Recovered: 20 BBL Lost: 22 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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QUESTIONS, Page 2

Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	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	Not answered.

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: Ralph Tijerina Title: Director of EH&S Email: rtijerina@goodnightmidstream.com Date: 05/08/2025
--	--

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QUESTIONS, Page 3

Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (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	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (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	No

Remediation Plan	
<i>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.</i>	
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)	8960
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2170
GRO+DRO (EPA SW-846 Method 8015M)	1800
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	05/09/2025
On what date will (or did) the final sampling or liner inspection occur	05/23/2025
On what date will (or was) the remediation complete(d)	06/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	4650
What is the estimated volume (in cubic yards) that will be reclaimed	207
What is the estimated surface area (in square feet) that will be remediated	3800
What is the estimated volume (in cubic yards) that will be remediated	60
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	LEA LAND LANDFILL [fEEM0112342028]
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)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
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: Ralph Tijerina Title: Director of EH&S Email: rtijerina@goodnightmidstream.com Date: 07/09/2025
<i>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.</i>	

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QUESTIONS, Page 5

Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	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

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QUESTIONS, Page 6

Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465211
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/23/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1200

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	3800
What was the total volume (cubic yards) remediated	60
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Please see the attached document
<p><i>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></p>	
<p>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.</p>	
I hereby agree and sign off to the above statement	Name: Ralph Tijerina Title: Director of EH&S Email: rtijerina@goodnightmidstream.com Date: 07/09/2025

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Action 483184

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 483184

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 483184
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	8/25/2025