Jalapeno Release 06/22/2023 Spill Calculation

Tank	Diameter	0	in	Foot print	0 sq. in	$A = \pi r^2$
Containment	Length	1800	in	Vol. (taken up in containment)	0 cu. in	
	Width	600	in	Foot print of containment	1,080,000 sq. in	
Produced Water	Depth	3.80	in	Vol. of containment	4,104,000 cu. in	

Containment Vol. after space taken by tank	4104000	cu. In	0.00010307
Containment Vol. after space taken by tank	422.99928	bbl liq.	

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2317316485
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	44 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

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

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

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☑ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2317316485
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Adrian Urquidi Title: HSE Representative

Signature: Adrian Urquidi Date: 12/13/2013

email: adrian.urquidi@goodnightmidstream.com Telephone: (432) 242-6629

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2317316485
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☑ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☑ Extents of contamination must be fully delineated.

☑ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Adrian Urquidi Title: HSE Representative

Signature: Adrian Urquidi Date: 12/13/2013

email: adrian.urquidi@goodnightmidstream.com Telephone: (432) 242-6629

OCD Only

Received by: _____ Date: _____

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Michael Buchanan Date: 03/13/2024

Remediation Summary and Deferral Request

Goodnight Midstream Permian, LLC
Jalapeno SWD Filter Pot 301
Lea County, New Mexico
Unit Letter N, Section 19, Township 22 South, Range 35 East
Latitude 32.371355 North, Longitude 103.410097 West
NMOCD Reference No. nAPP2317316485

Prepared By:

Etech Environmental & Safety Solutions, Inc.
2617 W. Marland
Hobbs, New Mexico 88240

Matthew Grieco

Joel W. Lowry

ETECH Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC, has prepared this *Remediation Summary and Deferral Request* for the release site known as the Jalapeno SWD Filter Pot 301 (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.371355 Longitude: -103.410097

Provided GPS are in WGS84 format.

Site Name:	Jalapeno Filter Pot 301	Site Type:	SWD
Date Release Discovered:	6/21/2023	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
N	19	22S	35E	Lea

Surface Owner: [ ] State [ ] Federal [ ] Tribal [X] Private (Name Merchant Livestock)

Nature and Volume of Release

[ ] Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
[X] Produced Water	Volume Released (bbls) 440	Volume Recovered (bbls) 420
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	[X] Yes [ ] No [ ] N/A
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:
Failed nipple on Filter Pot 301 caused the release.

Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	44 Feet
Did the release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production or storage site?	☐ Yes ☒ No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
44 Feet	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	-	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

On July 13, 2023, remediation activities commenced at the Site. In accordance with NMOCD regulations, impacted soil affected above the NMOCD Closure Criteria was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria, or to the extent practicable given the presence of on-site pumps, skids, buildings, containment, and other appurtenances.

On July 18, 2023, Etech collected nine (9) confirmation soil samples (FL # 4 @ 2FT through FL # 10 @ 3FT, NW # 1, and SW # 1) from the floor and sidewalls of the excavated area. In addition, one (1) deferral characterization soil sample (EW DEF 2' #1) was collected from the affected area adjacent to on-site pumps, skids, buildings, containment, and other appurtenances requiring deferral of remediation. The collected 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 NMOCD Closure Criteria in each of the submitted soil samples.

On July 19, 2023, Etech collected seventeen (17) confirmation soil samples (FL # 2 @ 3FT, FL # 11 @ 2FT through FL # 20 @ 2FT, NW # 2, NW # 3, SW # 2, SW # 3, WW # 1, and WW # 3) and three (3) deferral soil samples (EW # 1 DEF @ Surf, EW # 2 DEF @ Surf, and EW # 2 @ 2FT). The collected 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 NMOCD Closure Criteria in each of the submitted soil samples, with the exception of deferral samples EW # 1 DEF @ Surf and EW # 2 DEF @ Surf, which exhibited chloride concentrations of 3,320 mg/kg and 1,840 mg/kg, respectively.

On July 20, 2023, Etech collected five (5) confirmation soil samples (FL # 21 @ 3 FT, EW # 3, EW # 4, NW # 6, and WW # 2) and four (4) deferral characterization soil samples (NW # 4 DEF @ SURFACE, NW # 5 DEF @ SURFACE, WW # 4 DEF @ SURFACE, and WW # 5 DEF @ SURFACE). The collected 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 NMOCD Closure Criteria in each of the submitted soil samples, with the exception of deferral characterization samples NW # 4 DEF @ SURFACE, NW # 5 DEF @ SURFACE, WW # 4 DEF @ SURFACE, and WW # 5 DEF @ SURFACE, which exhibited chloride concentrations of 5,250 mg/kg, 7,000 mg/kg, 11,800 mg/kg, and 1,460 mg/kg, respectively. Additionally, deferral sample WW # 4 DEF @ SURFACE exhibited a TPH concentration of 1,470 mg/kg, which was above the NMOCD Closure Criteria.

On July 21, 2023, Etech collected one (1) confirmation soil sample (SW # 4). The collected soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria in the submitted soil sample.

On July 24, 2023, Etech collected four (4) confirmation soil samples (FL # 1 @ 3FT, FL # 3 @ 3FT, FL # 22 @ 3FT, and FL # 23 @ 3FT) and four (4) deferral characterization soil samples (NW # 4 DEF @ 3FT, NW # 5 DEF @ 3FT, WW # 4 DEF @ 3FT, and WW # 5 DEF @ 3FT). The collected 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 NMOCD Closure Criteria in each of the submitted soil samples. Based on laboratory analytical results from deferral characterization soil samples, soil was not impacted above the NMOCD Closure Critera beyond 3 feet below ground surface in the areas characterized by sample points NW #4 DEF, NW #5 DEF, WW #4 DEF, and WW #5 DEF.

On August 15, 2023, Etech collected two (2) additional delineation soil samples (NH1D and NH2B) in an effort to further characterize the horizontal extent of soil affected above the NMOCD Reclamation Standards. The collected 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 NMOCD Reclamation Standards in each of the submitted soil samples.

A "Site and Sample Location Map" is provided as Figure 3. "Concentrations of BTEX, TPH, and Chloride in Soil" are provided as Table 1. Field data is provided as Appendix B. Laboratory analytical reports are provided as Appendix C. A photographic log of remediation activities is provided as Appendix D.

The final dimensions of the western section of the excavated area were approximately 170 feet in length, 20 to 65 feet in width, and two (2) to three (3) feet in depth. The final dimensions of the eastern section of the excavated area were approximately 50 feet in length, 20 to 30 feet in width, and three (3) feet in depth. During the course of remediation activities, approximately 596 cubic yards of impacted soil was transported to an NMOCD-approved surface waste facility for disposal.

5.0 RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with approximately 600 cubic yards of locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area was compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Reseeding of the production pad will be completed after the closure and reclamation of the Site.

6.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with applicable NMOCD regulations. Impacted soil affected above the NMOCD Closure Criteria was excavated to the extent practicable and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria. Contaminants remaining in-situ adjacent to or underneath on-site pumps, skids, buildings, containment, and other appurtenances have been characterized and fully delineated. Remediation of the remaining contaminants will be deferred pending the removal of obstructing equipment or the closure and reclamation of the production pad.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Goodnight Midstream Permian, LLC, provide copies of this *Remediation Summary and Deferral Request* to the appropriate agencies and request that a deferral be granted to the Jalapeno SWD Filter Pot 301 site.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary and Deferral 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.

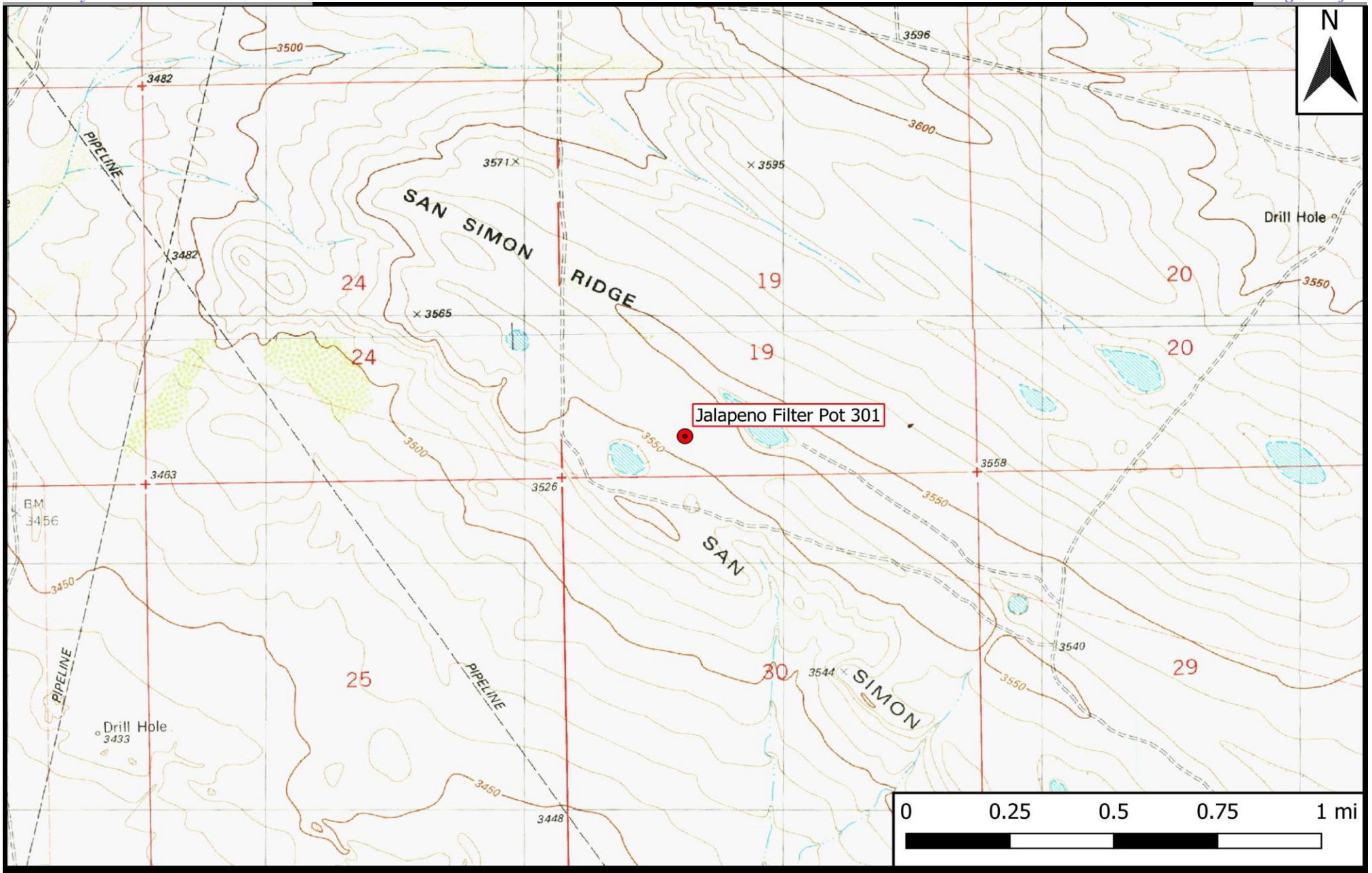
8.0 DISTRIBUTION

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 1
1220 South St. Francis Drive
Santa Fe, NM 87505

(Electronic Submission)

Figure 1
Topographic Map



Legend

- Site Location

Figure 1

Topographic Map

Goodnight Midstream Permian, LLC

Jalapeno Filter Pot 301

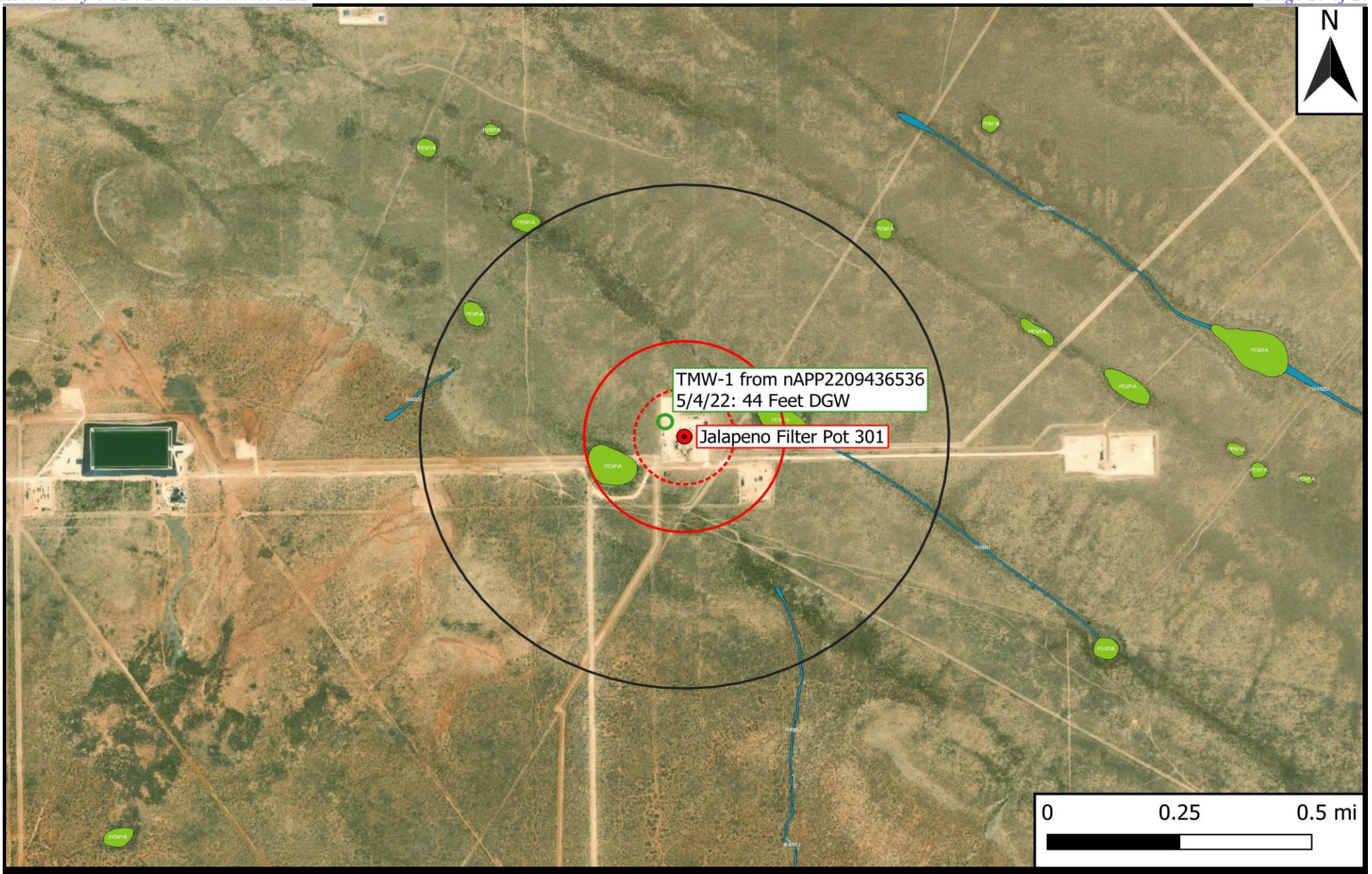
GPS: 32.371355, -103.410097

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/22/23

Figure 2
Aerial Proximity Map



Legend

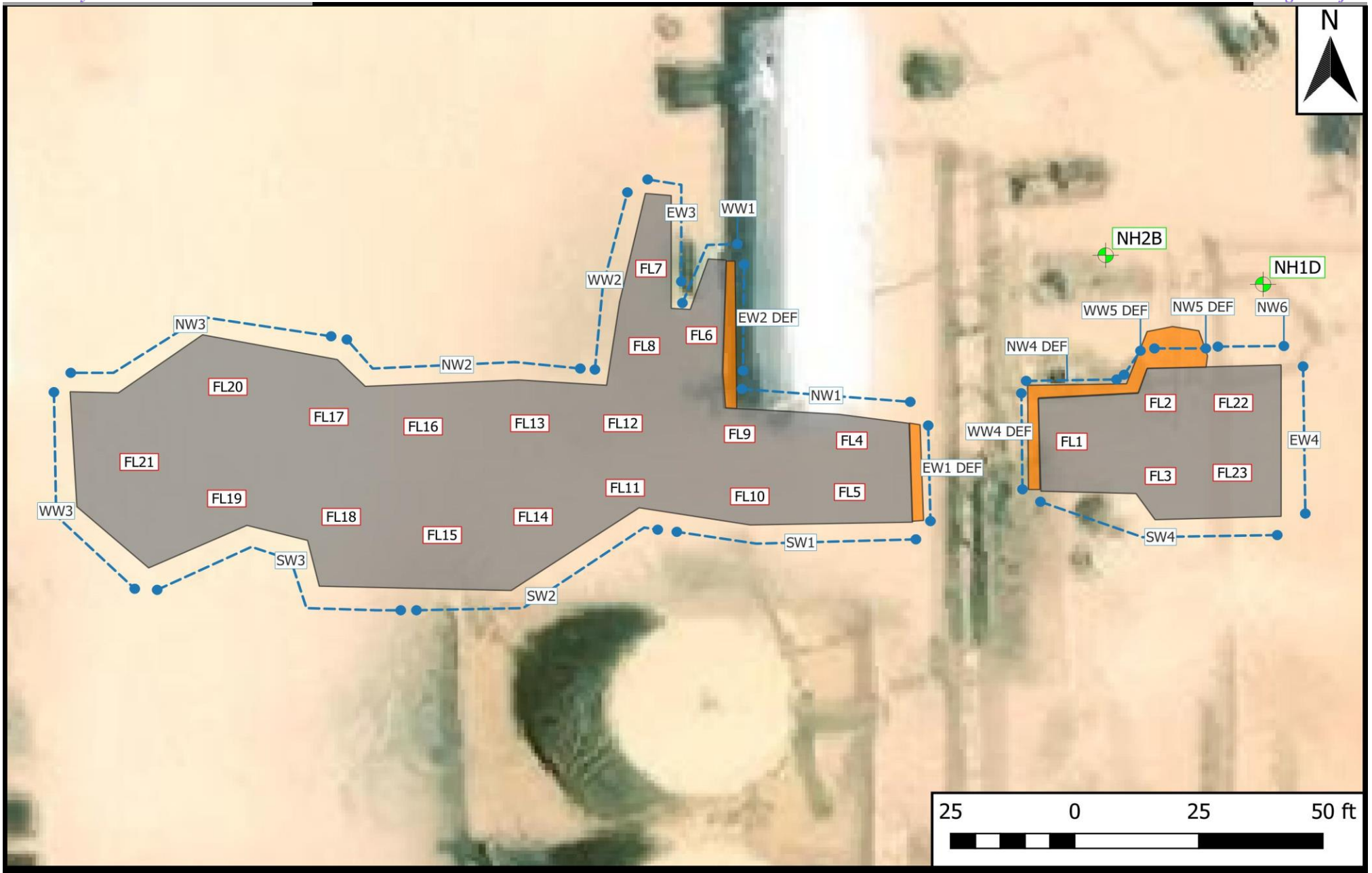
- Site Location
- Well - NMOSE
- Well - USGS
- Potash Mine Workings
- Medium/High Karst
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine

Figure 2
Aerial Proximity Map
Goodnight Midstream Permian, LLC
Jalapeno Filter Pot 301
GPS: 32.371355, -103.410097
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/22/23

Figure 3
Site and Sample Location Map



Delineation Sample
Floor Sample
Wall Sample
Deferral Area
Excavation

Figure 3
Site and Sample Location Map
Goodnight Midstream Permian, LLC
Jalapeno Filter Pot 301
GPS: 32.371355, -103.410097
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 8/21/23

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Jalapeno Filter Pot 301
NMOCD Ref. #: nAPP2317316485

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
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)**
Delineation and Deferral Samples											
EW # 1 DEF @ Surf	7/19/2023	0	Deferred	<0.050	<0.300	<10.0	49.8	49.8	17.0	66.8	**3,320**
EW DEF 2' #1	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
EW # 2 DEF @ Surf	7/19/2023	0	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	**1,840**
EW # 2 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW # 4 DEF @ SURFACE	7/20/2023	0	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	**5,250**
NW # 4 DEF @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW # 5 DEF @ SURFACE	7/20/2023	0	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	10.6	10.6	**7,000**
NW # 5 DEF @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
WW # 4 DEF @ SURFACE	7/20/2023	0	Deferred	<0.050	<0.300	<10.0	1,150	1,150	317	**1,470**	**11,800**
WW # 4 DEF @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW # 5 DEF @ SURFACE	7/20/2023	0	Deferred	<0.050	<0.300	<10.0	37.3	37.3	13.9	51.2	**1,460**
WW # 5 DEF @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NH1D	8/15/2023	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
NH2B	8/15/2023	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
Confirmation Samples											
FL # 1 @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL # 2 @ 3FT	7/19/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL # 3 @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL # 4 @ 2FT	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL # 5 @ 2FT	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL # 6 @ 2FT	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL # 7 @ 2FT	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL # 8 @ 2FT	7/18/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 9 @ 3FT	7/18/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL # 10 @ 3FT	7/18/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL # 11 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL # 12 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 13 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 14 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL # 15 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 16 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 17 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL # 18 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL # 19 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL # 20 @ 2FT	7/19/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL # 21 @ 3 FT	7/20/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL # 22 @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL # 23 @ 3FT	7/24/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
EW # 3	7/20/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW # 4	7/20/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112

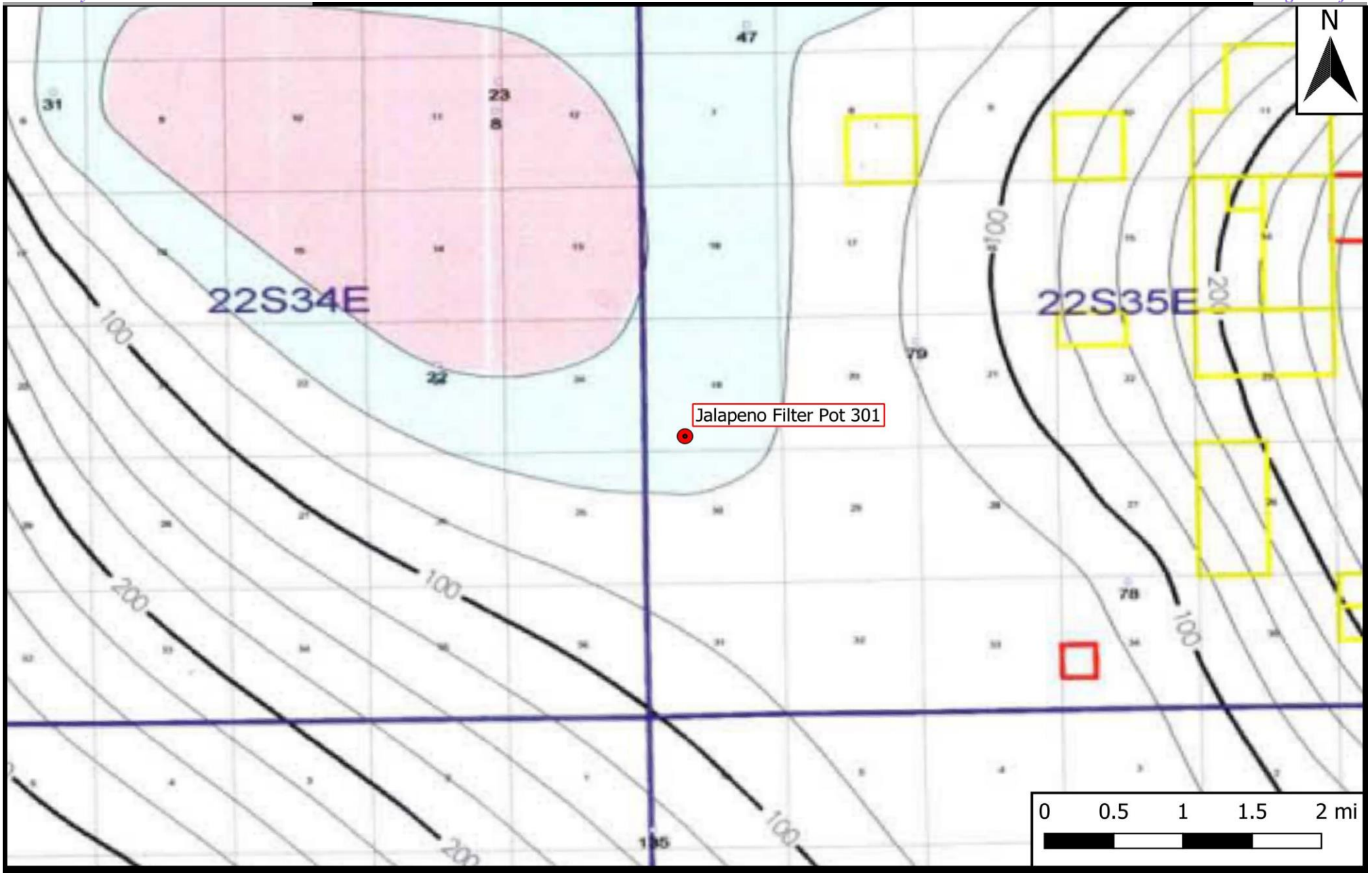
Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Jalapeno Filter Pot 301
NMOCD Ref. #: nAPP2317316485

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
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)**
NW # 1	7/18/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW # 2	7/19/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW # 3	7/19/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW # 6	7/20/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW # 1	7/18/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW # 2	7/19/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW # 3	7/19/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW # 4	7/21/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
WW # 1	7/19/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW # 2	7/20/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW # 3	7/19/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0

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

Appendix A
Depth to Groundwater Information



Legend

- Site Location

Figure 4

Inferred Depth to Groundwater Trend Map

Goodnight Midstream Permian, LLC

Jalapeno Filter Pot 301

GPS: 32.371355, -103.410097

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/22/23

Environmental & Safety Solutions, Inc.

Soil Boring/Temporary Monitor Well TMW-1

Company: Goodnight Midstream Permian, LLC	**Well/Borehole ID:** TMW-1	**Drilling Company:** Scarborough Drilling, Inc.
Site: Jalapeno RP	**Coordinates (NAD 83):** 32.371791,-103.410713	**Driller:** L. Scarborough
NMOCD Reference #: nAPP2132245281	**Drilling Date:** 5/4/2022	**Drilling Method:** Air Rotary
Location: Lea Co., NM	**Depth of Boring (ft):** 80	**Logged By:** L. Scarborough
PLSS: U/L "N", Sec. 19, T22S, R35E	**Depth to Groundwater (ft):** 44	**Drafted By:** B. Arguijo
	Plugging Date: 6/1/2022	**Draft Date:** 6/10/2022
Completion: N/A	**Casing:** 2" PVC	**Screen:** 0.1" Slotted

Comments: Temporary monitor well advanced in northwest corner of production pad.

Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field Test	Petroleum Odor	Petroleum Stain	Well Construction
0			Caliche pad	-	-	-	
5			Caliche fines	-	-	-	
10			Sand	-	-	-	
15				-	-	-	
20				-	-	-	
25				-	-	-	
30				-	-	-	
35				-	-	-	
40				-	-	-	
45	▽			-	-	-	▽ Open Hole
50				-	-	-	
55				-	-	-	
60				-	-	-	
65				-	-	-	
70				-	-	-	
75				-	-	-	
80				-	-	-	
85			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual.				
90							
95							

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

Legend
- Site Location
- Well - USGS
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius

Figure 5
USGS Well Proximity Map
Goodnight Midstream Permian, LLC
Jalapeno Filter Pot 301
GPS: 32.371355, -103.410097
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/22/23

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322231103262601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

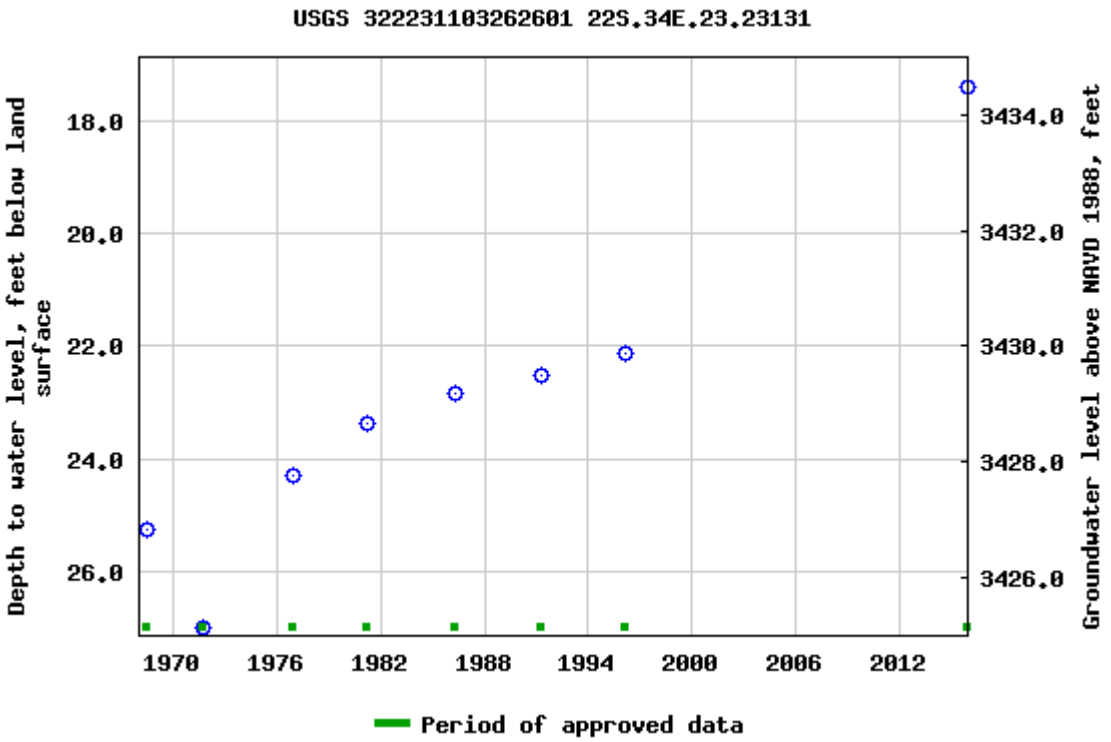
USGS 322231103262601 22S.34E.23.23131

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83
Land-surface elevation 3,452 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-06-22 12:54:29 EDT
0.58 0.49 nadww01

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322238103225201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

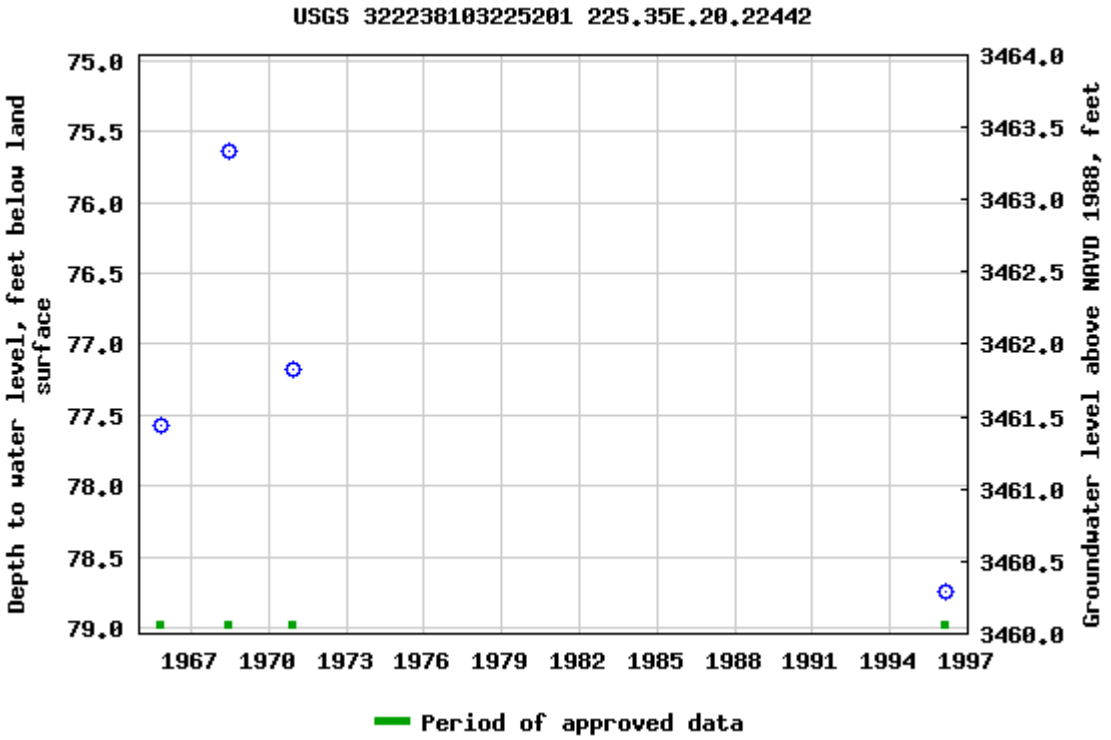
USGS 322238103225201 22S.35E.20.22442

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'38", Longitude 103°22'52" NAD27
Land-surface elevation 3,539 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

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Page Last Modified: 2023-06-22 12:54:30 EDT
0.67 0.51 nadww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322238103225202

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

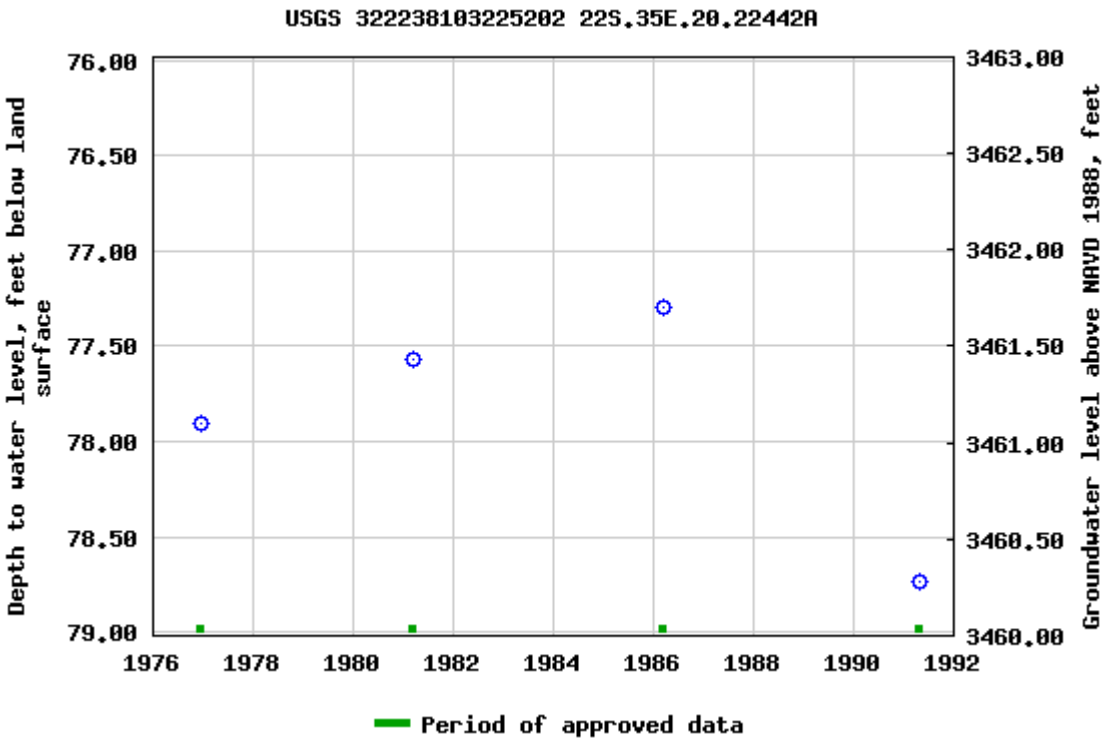
USGS 322238103225202 22S.35E.20.22442A

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'38", Longitude 103°22'52" NAD27
Land-surface elevation 3,539 feet above NAVD88
The depth of the well is 96 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-06-22 12:54:31 EDT
0.54 0.48 nadww01

Appendix B
Field Data

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date:

Project: Jalapeno Filter Pot 301 250 - 300 chloride

Project Number: 18371 Latitude: 32.371355 Longitude: -103.410097

Sample ID	PID/Odor	Chloride Conc.	GPS
FL1@1'		8.0 2512	
FL2@1'		5.0 860	
FL3@1'		5.4 996	
FL4@1'		4.8 796	
FL5@1'		4.0 576	
FL6@2'		2.2 220	
FL7@2'		2.0 192	
FL#4 @ 2Ft	-	284	
FL#5@2Ft	-	284	
FL#8 @ 2Ft	-	252	
FL#9 @ 3 Ft	-	220	
FL#10 @ 3 Ft	-	284	
FL#11 @ 2 Ft	-	284	
FL#12 @ 2 Ft	-	[redacted] 252	
FL#13 @ 2 Ft	-	284	
FL#14 @ 2 Ft	-	284	
Ew2 DeF Surface	-	1744	
Ew2 DeF @2'	-	192	
ww#1	-	284	
FL#1@2Ft	-	1144	
FL#2 @ 2Ft	-	680	
FL#3 @ 2Ft	-	996	
FL#16@3Ft	-	736	
Sw#2	-	164	
FL#15 @ 2Ft	-	136	
FL#16 @ 2Ft	-	ND	
Ew#1 DeF Surface	-	1072	
Ew#1 DeF @2Ft	-	284	
Sw#1	-	796	
Sw#1	-	356	
Nw#1	-	252	
Sw#3	-	192	
Nw#3	-	252	
FL#17 @ 2Ft	-	220	
FL#18 @ 2Ft	-	284	
FL#19 @ 2Ft	-	228	

Sample Point = SP #1 @ ## etc | Test Trench = TT #1 @ ## | Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc | Refusal = SP #1 @ 4'-R | Stockpile = Stockpile #1

Sidewall = SW #1 etc | Soil Intended to be Deferred = SP #1 @ 4' In-Situ | GPS Sample Points, Center of Comp Areas

90 mileage

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL # 20 @ 2Ft	–	192	
NW #2.	–	284	
FL # 21 @ 2Ft	–	372	
WW # 3	–	156	
Ew # 1. DeF Surface	–	13,784	
FL # 21 @ 3Ft	–	285	
Sw # 4	–	1296	
NW #4 DeF @ Surface	–	6204	
WW #4 DeF @ Surface	–	15,284	
TT-1 @ 4Ft	–	904	
TT-1 @ 5Ft	–	600	
FL # 2 @ 3Ft	–	500	
FL # 3 @ 3Ft	–	972	
Nw #5. DeF Surface	–	9452	
WW #5. DeF Surface	–	1572	
TT-1 @ 6Ft	–	500	
TT-1 @ 7Ft	–	600	
Ew # 4	–	1124	
Ew # 4	–	772	
Sw # 4	–	904	
Ew # 4	–	552	
NW #6	–	286	
Ew # 4	–	600	
Ew # 4	–	900	
Ew # 4	–	772	
Ew # 4	–	456	
Sw # 4	–	232	
FL # 3 @ 3Ft	–	336	
FL # 22 @ 3Ft	–	286	
FL # 23 @ 3Ft	–	286	
NW # 4. DCF @ 3Ft	–	336	
WW # 4. DeF @ 3Ft	–	336	
NW # 5. DeF @ 3Ft	–	286	
WW # 5. DCF @ 3Ft	–	286	
FL # 1. @ 3Ft	–	249	

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

eTECH Environmental & Safety Solutions, Inc.

Remediation Log

Project: Jalapeno Filter Pot 301

Project Number: 18371 Latitude: 32.371355 Longitude: -103.410097

	Yes	No
Confirmation of Active One Call? One Call No._____	☐	☐
Confirmation of On-Site JSA?	☐	☐

Date:	Notes	Yds Out	Yds In
	****Begin Remediation Activities****		
7-13-23	Hydrovac / excavate Sample		
7-14-23	Hydrovac / excavate Sample		
7-17-23	Haul out / excavate	40	
7-18-23	Haul out / excavate Sample	40	
7-19-23	excavate / haul out Sample		
7-20-23	excavate / haul out Sample	160	
7-21-23	excavate / haul out Sample	160	
7-24-23	haul out	80	
7-25-23	haul out	100	
7-26-23	haul in		160
7-27-23	haul in		200
7-28-23	haul in		220
	****Begin Backfill Activities****		
	****Complete Remediation Activities****		

Total Yds Out	Total Yds In
596	600

	Yes	No
Pictures of Open Excavation Prior to Backfill	☐	☐
Relevant Information in Project Tracker?	☐	☐

Appendix C
Laboratory Analytical Reports

CARDINAL Laboratories

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

July 24, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO FILTER POT 301

Enclosed are the results of analyses for samples received by the laboratory on 07/18/23 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 4 @ 2FT (H233738-01)

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	07/23/2023	ND	2.15	107	2.00	2.32	
Toluene*	<0.050	0.050	07/23/2023	ND	2.09	104	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.24	112	2.00	0.495	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.73	112	6.00	0.237	
Total BTEX	<0.300	0.300	07/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	07/21/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 5 @ 2FT (H233738-02)

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	07/23/2023	ND	2.15	107	2.00	2.32	
Toluene*	<0.050	0.050	07/23/2023	ND	2.09	104	2.00	0.498	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.24	112	2.00	0.495	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.73	112	6.00	0.237	
Total BTEX	<0.300	0.300	07/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *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	**64.0**	16.0	07/21/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 6 @ 2FT (H233738-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	07/21/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 7 @ 2FT (H233738-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**80.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 8 @ 2FT (H233738-05)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**32.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 9 @ 3FT (H233738-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 10 @ 3FT (H233738-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**96.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *120 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *131 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: SW # 1 (H233738-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**32.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NW # 1 (H233738-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**48.0**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/18/2023	Sampling Date:	07/18/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: EW DEF 2' #1 (H233738-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2023	ND	1.94	97.0	2.00	2.31	
Toluene*	<0.050	0.050	07/22/2023	ND	1.86	93.1	2.00	2.31	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	1.95	97.4	2.00	1.10	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.85	97.4	6.00	0.840	
Total BTEX	<0.300	0.300	07/22/2023	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	**368**	16.0	07/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	189	94.3	200	9.62	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	190	94.9	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	P.O. Box 301	**Company:**	Goodnight Mid
City:	Lovington	**State:** NM	**Zip:** 88260
Attn:	Adrian Urquidi		
Phone #:	(575) 396-2378	**Fax #:** (575) 396-1429	
Address:			
Project #:	18371	**Project Owner:**	
City:			
Project Name:	Jalapeno Filter Pot 301	**State:**	**Zip:**
Project Location:		**Phone #:**	
Sampler Name:	Aaron Rios	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
H233738																	
1	FL #4. @ 2Ft	X				X					X		7-18-23		X	X	X
2	FL # 5. @ 2Ft																
3	FL # 6. @ 2Ft																
4	FL # 7. @ 2Ft																
5	FL # 8. @ 2Ft																
6	FL # 9. @ 3 Ft																
7	FL # 10. @ 3Ft																
8	SW #1.																
9	NW #1.																
10	EW DeF ~~Surface~~ 2' #1. AR 7-19-23																

Relinquished By:	**Date:**	**Received By:**	
	Time:		
Relinquished By: Aaron Rios	**Date:** 7-18-23 **Time:** 1100	**Received By:** S Rodriguez	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	3.6c #140	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Please email results to pm@etechenv.com.

FORM-006
Revision 1.0

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

CARDINAL Laboratories

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

July 24, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO FILTER POT 301

Enclosed are the results of analyses for samples received by the laboratory on 07/19/23 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 11 @ 2FT (H233764-01)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *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	**64.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	166	82.9	200	2.74	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 12 @ 2FT (H233764-02)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	166	82.9	200	2.74	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 13 @ 2FT (H233764-03)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	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	**32.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	166	82.9	200	2.74	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 14 @ 2FT (H233764-04)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	166	82.9	200	2.74	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 15 @ 2FT (H233764-05)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	166	82.9	200	2.74	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 16 @ 2FT (H233764-06)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.2 %* *49.1-148*

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2617 W MARLAND
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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 17 @ 2FT (H233764-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	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	<16.0	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *86.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.7 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 18 @ 2FT (H233764-08)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	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	**16.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.7 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 19 @ 2FT (H233764-09)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	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	**16.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *83.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.0 %* *49.1-148*

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Received:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 20 @ 2FT (H233764-10)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	07/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: SW # 2 (H233764-11)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	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	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: SW # 3 (H233764-12)

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	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NW # 2 (H233764-13)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.12	106	2.00	2.87	
Toluene*	<0.050	0.050	07/21/2023	ND	1.91	95.4	2.00	3.20	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.07	103	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.25	104	6.00	2.21	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NW # 3 (H233764-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	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	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: WW # 1 (H233764-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 2 @ 3FT (H233764-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	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	**336**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: WW # 3 (H233764-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: EW # 1 DEF @ SURFACE (H233764-18)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	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	**3320**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	**49.8**	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	**17.0**	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: EW # 2 DEF @ SURFACE (H233764-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	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	**1840**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *82.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/19/2023	Sampling Date:	07/19/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shari Cisneros
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: EW # 2 @ 2FT (H233764-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.00	99.8	2.00	0.819	
Toluene*	<0.050	0.050	07/21/2023	ND	1.94	96.9	2.00	1.51	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	1.92	95.8	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.20	103	6.00	1.22	
Total BTEX	<0.300	0.300	07/21/2023	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	**32.0**	16.0	07/20/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	163	81.7	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	169	84.7	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					

Surrogate: 1-Chlorooctane *82.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Jodi Coury	**P.O. #:**	
Address:	P.O. Box 301	**Company:**	Goodnight midstream
City:	Lovington **State:** NM **Zip:** 88260	**Attn:**	Adrian Urquidi
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	18371 **Project Owner:**	**City:**	
Project Name:	Jalapeno Filter Pot 301	**State:** **Zip:**	
Project Location:		**Phone #:**	
Sampler Name:	Aaron Rios	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H23764																										
1	FL #11. @ 2 Ft	X				X					X		7-19-23		X	X	X									
2	FL # 12. @ 2 Ft																									
3	FL # 13. @ 2 Ft																									
4	FL # 14. @ 2 Ft																									
5	FL # 15. @ 2 Ft																									
6	FL # 16. @ 2 Ft																									
7	FL # 17. @ 2 Ft																									
8	FL # 18. @ 2 Ft																									
9	FL # 19. @ 2Ft																									
10	FL # 20. @ 2Ft																									

Relinquished By:	**Date:** 7/19/23 **Time:** 16:35	**Received By:**	Shari Cisneros
Aaron Rios			
Relinquished By:	**Date:** **Time:**	**Received By:**	

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Please email results to pm@etechenv.com.
72 HRS

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 0.2c° #140

Sample Condition
Cool: ☑ Yes ☐ No
Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) DS

FORM-006
Revision 1.0

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

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	P.O. Box 301	**Company:**	Goodnight midstream
City:	Lovington **State:** NM **Zip:** 88260	**Attn:**	Adrian Urquidi
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	18371 **Project Owner:**	**City:**	
Project Name:	Jalapeno Filter Pot 301	**State:** **Zip:**	
Project Location:		**Phone #:**	
Sampler Name:	Aaron Rios	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)													
11	Sw # 2.	X				X					X		7-19-23		X	X	X												
12	Sw # 3.																												
13	Nw # 2.																												
14	Nw # 3.																												
15	ww # 1.																												
16	FL # 2. @ 2Ft																												
17	ww # 3.																												
18	Ew # 1. DeF @ Surface																												
19	Ew # 2. DeF @ Surface																												
20	Ew # 2. @ 2 Ft	V				V					V		V		V	V	V												

Relinquished By:	**Date:** 7/19/23 **Time:** 16:35	**Received By:**	Shan Cisneros
Relinquished By: Aaron Rios	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	0.2° #140	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** JC

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Please email results to pm@etechenv.com.
Rush!
72HRS

FORM-006
Revision 1.0

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

CARDINAL Laboratories

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

July 24, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO FILTER POT 301

Enclosed are the results of analyses for samples received by the laboratory on 07/21/23 15:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/21/2023	Sampling Date:	07/21/2023
Reported:	07/24/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: SW # 4 (H233835-01)

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	07/22/2023	ND	2.12	106	2.00	0.892	
Toluene*	<0.050	0.050	07/22/2023	ND	2.07	103	2.00	0.724	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.03	102	2.00	1.36	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	07/22/2023	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	**256**	16.0	07/24/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	200	100	200	4.62	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	209	105	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					

Surrogate: 1-Chlorooctane *90.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	P.O. Box 301	**Company:**	Goodnight midstream
City:	Lovington **State:** NM **Zip:** 88260	**Attn:**	Adrian Urquidi
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	18371 **Project Owner:**	**City:**	
Project Name:	Jalapeño Fitter Pot 301	**State:** **Zip:**	
Project Location:		**Phone #:**	
Sampler Name:	Aaron Dos	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)											
H233835																											
1	SW #4.	X				X					X		7-21-23		X	X	X										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 7/21/23 **Time:** 1544	**Received By:**	S Rodriguez
Relinquished By:	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	5.8c	**Sample Condition** Cool: ☒ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS: Rush 24

Please email results to pm@etechenv.com.

FORM-006
Revision 1.0

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

CARDINAL Laboratories

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

July 25, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO FILTER POT 301

Enclosed are the results of analyses for samples received by the laboratory on 07/24/23 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 1 @ 3FT (H233854-01)

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	07/25/2023	ND	1.88	93.9	2.00	0.911	
Toluene*	<0.050	0.050	07/25/2023	ND	2.01	101	2.00	2.79	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	103	2.00	2.02	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.14	102	6.00	2.81	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *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	**96.0**	16.0	07/25/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 3 @ 3FT (H233854-02)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	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	**304**	16.0	07/25/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					

Surrogate: 1-Chlorooctane *98.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 22 @ 3FT (H233854-03)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *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	**96.0**	16.0	07/25/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *82.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: FL # 23 @ 3FT (H233854-04)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	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	**112**	16.0	07/25/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *88.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NW # 4 DEF @ 3FT (H233854-05)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**176**	16.0	07/25/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NW # 5 DEF @ 3FT (H233854-06)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	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	**320**	16.0	07/25/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *89.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: WW # 4 DEF @ 3FT (H233854-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	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	**96.0**	16.0	07/25/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *95.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	07/24/2023	Sampling Date:	07/24/2023
Reported:	07/25/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: WW # 5 DEF @ 3FT (H233854-08)

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	07/25/2023	ND	2.11	105	2.00	0.123	
Toluene*	<0.050	0.050	07/25/2023	ND	2.08	104	2.00	2.46	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.23	112	2.00	1.77	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.69	112	6.00	1.58	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**112**	16.0	07/25/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	184	92.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	233	117	200	0.126	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane *82.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.
Project Manager:	Joel Lowry
Address:	P.O. Box 301
City:	Lovington State: NM Zip: 88260
Phone #:	(575) 396-2378 Fax #: (575) 396-1429
Project #:	18371 Project Owner:
Project Name:	Jalapeño
Project Location:	
Sampler Name:	Aaron Rios

BILL TO

P.O. #:	
Company:	Goodnight Midstream
Attn:	Adrian Urquidi
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	TPH (8015M)	BTEX (8021B)
H233854																	
1	FL#1.@ 3Ft	X				X					X		7-24-23		X	X	X
2	FL# 3.@ 3Ft	X				X					X				X	X	X
3	FL# 22.@ 3Ft	X				X					X				X	X	X
4	FL # 23.@ 3Ft	X				X					X				X	X	X
5	NW #4 DeF @ 3Ft	X				X					X				X	X	X
6	NW #5. DeF @ 3Ft	X				X					X				X	X	X
7	WW #4. DeF @ 3Ft	X				X					X				X	X	X
8	WW #5. DeF @ 3Ft	X				X					X		7-24-23		X	X	X

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Relinquished By:	Date:	Received By:	
	Time:		
Relinquished By: Aaron Rios	Date: 7-24-23 Time: 1627	Received By: Tamara Oldaker	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	5.8c #140	Sample Condition: Cool: Yes / No; Intact: Yes / No	CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS: Rush! 24hrs
Please email results to pm@etechenv.com.

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CARDINAL Laboratories

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August 21, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: JALAPENO FILTER POT 301

Enclosed are the results of analyses for samples received by the laboratory on 08/15/23 14:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NH1D (H234398-01)

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	08/16/2023	ND	1.98	98.8	2.00	1.54	
Toluene*	<0.050	0.050	08/16/2023	ND	1.89	94.3	2.00	0.995	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.96	98.1	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	2.04	
Total BTEX	<0.300	0.300	08/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**208**	16.0	08/16/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/16/2023	ND	186	92.9	200	0.851	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	181	90.7	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					

Surrogate: 1-Chlorooctane *82.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	JALAPENO FILTER POT 301	Sampling Condition:	Cool & Intact
Project Number:	18371	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT MIDSTREAM		

Sample ID: NH2B (H234398-02)

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	08/16/2023	ND	1.98	98.8	2.00	1.54	
Toluene*	<0.050	0.050	08/16/2023	ND	1.89	94.3	2.00	0.995	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.96	98.1	2.00	1.71	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	2.04	
Total BTEX	<0.300	0.300	08/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *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	**400**	16.0	08/16/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/16/2023	ND	186	92.9	200	0.851	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	181	90.7	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					

Surrogate: 1-Chlorooctane *88.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Goodnight Midstream
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Adrian Urquidi
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	18371 **Project Owner:** Goodnight Midstream	**City:**	
Project Name:	Jalapeno Filter Pot 301	**State:**	**Zip:**
Project Location:	Rural Lea County, NM	**Phone #:**	
Sampler Name:	Matthew Grieco	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	Chloride	TPH (8015M)	BTEX (8021B)										
H234398																										
1	NH1D	G	1			X					X		8/15/23		X	X	X									
2	NH2B	G	1			X					X		8/15/23		X	X	X									

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Relinquished By:	**Date:** 8-15-23 **Time:** 1452	**Received By:**	
Relinquished By:	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	#140 0.7°	**Sample Condition** Cool ☐ Yes ☐ No Intact ☑ Yes ☐ No	**CHECKED BY: (Initials)** TO.

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Please email copy of COC and results to pm@etechenv.com.

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Appendix D
Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: West	
GPS: 32.371289, -103.410157	
Photo Description: View of initial release.	

Photo Number: 2	
Photo Direction: East	
GPS: 32.371303, -103.410291	
Photo Description: View of initial release.	

Photographic Log

Photo Number: 3	
Photo Direction: North	
GPS: 32.371350, -103.410299	
Photo Description: View of initial release.	

Photo Number: 4	
Photo Direction: West	
GPS: 32.371260, -103.410157	
Photo Description: View of initial release.	

Photographic Log

Photo Number: 5	
Photo Direction: East	
GPS: 32.371338, -103.410373	
Photo Description: View of excavated area.	

Photo Number: 6	
Photo Direction: East	
GPS: 32.371305, -103.410403	
Photo Description: View of excavated area.	

Photographic Log

Photo Number: 7	
Photo Direction: South	
GPS: 32.371396, -103.410685	
Photo Description: View of excavated area.	

Photo Number: 8	
Photo Direction: North	
GPS: 32.371318, -103.410359	
Photo Description: View of excavated area.	

Photographic Log

Photo Number: 9 **Photo Direction:** North **Photo Description:** View of area after backfill and grading.	

Photo Number: 10 **Photo Direction:** East **Photo Description:** View of area after backfill and grading.	

Photographic Log

Photo Number: 11	
Photo Direction: West	
Photo Description: View of area after backfill and grading.	

Photo Number: 12	
Photo Direction: East	
Photo Description: View of area after backfill and grading.	

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 294178

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2317316485**
Incident Name	**NAPP2317316485 JALAPENO FILTER POT 301 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Deferral Request Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JALAPENO FILTER POT 301
Date Release Discovered	06/21/2023
Surface Owner	Private

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: 440 BBL | Recovered: 420 BBL | Lost: 20 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)	Filter Pot connections failed resulting in the release of the produced water.

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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: Adrian Urduidi Title: HSE Representative Email: adrian.urquidi@goodnightmidstream.com Date: 01/03/2024

District I
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1150
GRO+DRO (EPA SW-846 Method 8015M)	1470
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	07/13/2023
On what date will (or did) the final sampling or liner inspection occur	07/18/2023
On what date will (or was) the remediation complete(d)	08/15/2023
What is the estimated surface area (in square feet) that will be reclaimed	7500
What is the estimated volume (in cubic yards) that will be reclaimed	893
What is the estimated surface area (in square feet) that will be remediated	6500
What is the estimated volume (in cubic yards) that will be remediated	596
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
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	Yes
What is the name of the NMED facility	Owl Landfill Jal
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Adrian Urduidi Title: HSE Representative Email: adrian.urquidi@goodnightmidstream.com Date: 01/03/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 294178
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QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	SWD Storage Tanks, associated steel wall lined secondary containment - removal of tanks/containment would halt all production and pause all production.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	540
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	60
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	JALAPENO RP [fCH1903939717]
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Adrian Urduidi Title: HSE Representative Email: adrian.urquidi@goodnightmidstream.com Date: 01/03/2024

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QUESTIONS (continued)

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	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 294178

CONDITIONS

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	Action Number: 294178
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The Remediation Plan with Deferral are Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	3/13/2024