# Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan

### Permian Resources Whitten SWD ROW

Lea County, New Mexico
Unit Letter "H", Section 14, Township 20 South, Range 34 East
Latitude 32.574814° North, Longitude 103.536446° West
NMOCD Reference No. nAPP2429762272 & nAPP2503175872

Prepared By:

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May 1, 2025

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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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#### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources, has prepared this *Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan* for the release site known as the Whitten SWD ROW. A crude oil and produced water release that occurred on January 31, 2025 (Incident ID #nAPP2503175872), affected an area that had been previously impacted by a release that occurred on October 23, 2024 (Incident ID #nAPP2429762272). Details of the individual releases are summarized below. Remediation of the commingled affected area (henceforth, "Site") is currently underway.

Latitude:	32.574814°	Longit	ude:	-103.536446°
		Provided GPS are in NAD8		
Site Name:	Whitten Road SWI	Site Type:		Pipeline
Date Release Discove	ered: 10/23/2	2024 API # (if a	pplicable):	N/A
Unit Letter S	ection Towns	ship Range	County	7
"H"	14 208	S 34E	Lea	]
Surface Owner:	State X Federal	Tribal Private	(Name	
_	Na	ture and Volume	of Release	
X Crude Oil	Volume Released	(bbls) 258	Volume Recovered	ed (bbls) 144
X Produced Water	Volume Released	(bbls) 2,321	Volume Recovere	ed (bbls) 1,296
	Is the concentratio the produced water	n of dissolved chloride r > 10,000 mg/L?	in X Yes	No N/A
Condensate	Volume Released	(bbls)	Volume Recovere	ed (bbls)
Natural Gas	Volume Released	(Mcf)	Volume Recovere	ed (Mcf)
Other (describe)	Volume/Weight R	eleased	Volume/Weight R	ecovered
Cause of Release: Equipment failure -	Pipeline			
		Initial Respo	nse	
	e release has been stopp			
$\equiv$	-	protect human health and		
X Release material	s have been contained v	via the use of berms or di	kes, absorbent pad, or o	ther containment device
X All free liquids a	nd recoverable materia	ls have been removed an	d managed appropriatel	V

		APP2503175872 on of Release S		
Latitude:	32.574814°	Longitude	;	103.536446°
	Provid	led GPS are in NAD83 for		
Site Name:	Whitten SWD ROW	Site Type:		Pipeline
Date Release Discove		API # (if appl	icable):	N/A
Unit Letter S "H"  Surface Owner:	ection Township 14 20S  State X Federal Tribal	Range 34E  Private (Na	County Lea	
Surface Owner.		nd Volume of		
X Crude Oil	Volume Released (bbls)	295	Volume Recovere	d (bbls) 210
X Produced Water	Volume Released (bbls)	1,890	Volume Recovere	d (bbls) 769
	Is the concentration of diss the produced water > 10,00		X Yes	No N/A
Condensate	Volume Released (bbls)		Volume Recovere	d (bbls)
Natural Gas	Volume Released (Mcf)		Volume Recovere	d (Mcf)
Other (describe)	Volume/Weight Released		Volume/Weight Re	ecovered
Cause of Release: Equipment failure -	Pipeline			
	I	nitial Response		
X The impacted are X Release material	e release has been stopped.  ea has been secured to protect hus have been contained via the us nd recoverable materials have be	e of berms or dikes,	absorbent pad, or ot	

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

#### 2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	Direct Measurement
Did the release impact groundwater or surface water?  What is the minimum distance between the closest lateral extents of the release and the following surface areas?	Yes X No
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 500 and 1,000 (ft.)
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 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 1 and 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?	X Yes No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the 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 in Appendix A.

Additional NMOCD Site Characterization data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

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

Based on the volume and nature of the releases, depth to groundwater, and NMOCD Site Characterization data, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000	600
D . 100 1	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
Between 100 and 500 (ft.)	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
300 (11.)	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

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

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

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

<sup>‡</sup> The NMOCD Reclamation Standards apply only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

#### 4.0 INITIAL SITE ASSESSMENT

From March 11 through 13, 2025, Etech conducted an initial site assessment. During the site assessment, four (4) hand-augered soil bores (TT 1 through TT 4) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, ten (10) hand-augered soil bores (NH 1, NH 2, EH 1, EH 2, EH 3, SH 1, SH 2, WH 1, WH 2, and WH 3) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the test trenches and soil bores, soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit and/or the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 28 delineation soil samples (TT 1 @ 2', TT 1 @ 4', TT 2 @ 2', TT 2 @ 4', TT 3 @ 2', TT 3 @ 4', TT 4 @ 2', TT 4 @ 4', NH 1 @ 2', NH 1 @ 6', NH 2 @ 2', NH 2 @ 6', EH 1 @ 2', EH 1 @ 6', EH 2 @ 2', EH 2 @ 6', EH 3 @ 2', EH 3 @ 6', SH 1 @ 2', SH 1 @ 6', SH 2 @ 2', SH 2 @ 6', WH 1 @ 2', WH 1 @ 6', WH 2 @ 2', WH 2 @ 6', WH 3 @ 2', and WH 3 @ 6') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results and field screens, the horizontal extent of impacted soil was adequately defined in the areas characterized by sample points NH 1, NH 2, EH 1, EH 2, EH 3, SH 1, SH 2, WH 1, WH 2, and WH 3. The vertical extent of impacted soil was adequately defined in the areas characterized by sample points TT 1 through TT 4 and did not extend beyond four (4) feet bgs.

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

#### 5.0 PROPOSED REMEDIATION PLAN & ALTERNATIVE SAMPLING PLAN

Requesting a remediation plan approval with this submission?	X Yes No
Requesting a deferral of remediation closure due date with the approval of this submission?	Yes X No
Requesting a remediation closure approval with this submission?	Yes X No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date will (or did) the remediation commence?	4/28/2025
On what date will (or did) the final sampling or liner inspection occur?	6/13/2025
On what date will (or was) the remediation complete(d)?	6/27/2025
What is the total surface area (sq. ft.) in need of or that will eventually be reclaimed?	32,594
What is the total volume (cy) in need of or that will eventually be reclaimed?	~6,300
What was the total surface area (sq. ft.) that has or will be remediated?	32,594
What was the total volume (cy) that has or will be remediated?	~6,300
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	X Yes No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes X No
(In Situ) Soil Vapor Extraction	Yes X No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes X No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes X No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Yes X No
Ground Water Abatement pursuant to 19.15.30 NMAC	Yes X No
Other (Non-listed remedial process)	Yes X No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.
NMOCD Disposal Facility ID?	fEEM0112342028
Summarize any additional remediation activities not included by answers above.	N/A

**Summary of Soil Sampling Events** 

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	14,600	TT 2 @ 4'	3/11/2025	4	In-Situ
TPH	<30.0	See Table 1	3/11–13/2025	0–4	In-Situ
GRO+DRO	<20.0	See Table 1	3/11–13/2025	0–4	In-Situ
BTEX	< 0.300	See Table 1	3/11–13/2025	0–4	In-Situ
Benzene	< 0.050	See Table 1	3/11-13/2025	0–4	In-Situ

Please reference Table 1 for additional information.

The entire affected area will be excavated in accordance with the established NMOCD Closure Criteria and NMOCD Reclamation Standards to a total depth of approximately four (4) feet bgs. Permian Resources hereby requests an alternative sampling plan comprised of five-point composite confirmation samples collected from the floor of the excavated area at intervals representing no more than 400 square feet. Permian Resources believes that a relaxation of sampling frequency is permissible given the size and nature of the release, the depth to groundwater (>100 feet), the lack of variability in surface topography, and the shallow depths of contaminant intrusion (i.e. 2 to 4 feet bgs).

Based on the size of the affected area (~32,594 square feet), approximately 82 composite soil samples will be collected from the floor of the excavated area under the proposed alternative sampling plan, as opposed to approximately 163 samples under a standard 200-square-foot plan. Figure 4 provides a side-by-side comparison of the 200-square-foot and 400-square-foot sampling plans. The map illustrates that, while there are fewer total composite samples in the 400-square-foot plan, there is a nominal difference between the spatial coverage of the plans, and both plans are equally representative of the affected area, with minimal gaps between each sampling section/zone. Since each individual composite sample will incorporate soil from five (5) spots within a 400-square-foot zone, this effectively equates to a total of approximately 407 sample points, which decreases the likelihood that any hotspots will be missed. Furthermore, discrete soil samples will be collected from wet and/or visibly stained areas, as necessary.

Based on the information summarized above, Permian Resources believes that the proposed 400-square-foot sampling plan provides an equal protection of fresh water, public health, and the environment as a standard 200-square-foot plan, pursuant to Section 19.15.29.14 A.(2) NMAC.

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

All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	Yes X No
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	Yes X No
Requesting a reclamation approval with this submission?	Yes X No
Requesting a restoration complete approval with this submission?	Yes X No
What was the total surface area (sq. ft.) reclaimed?	0 (To be completed)
What was the total volume (cy) reclaimed?	0 (To be completed)

Upon receipt of all confirmation soil sample results, areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected areas will be compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads, pipeline rights-of-way, and/or lease roads will be revegetated with an agency and/or landowner-approved seed mixture certified to be free of noxious weeds at a time conducive to germination. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

Upon completion of remediation and reclamation activities, a *Remediation Summary & Soil Closure Request* will be prepared detailing field activities and laboratory analytical results from confirmation soil samples.

#### 7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan 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 Permian Resources. Use of the information contained in this report is prohibited without the consent of Etech and/or Permian Resources.

#### 8.0 DISTRIBUTION

#### Permian Resources

300 N. Marienfeld St. Suite 100 Midland, TX 79701

#### New Mexico Energy, Minerals and Natural Resources Department

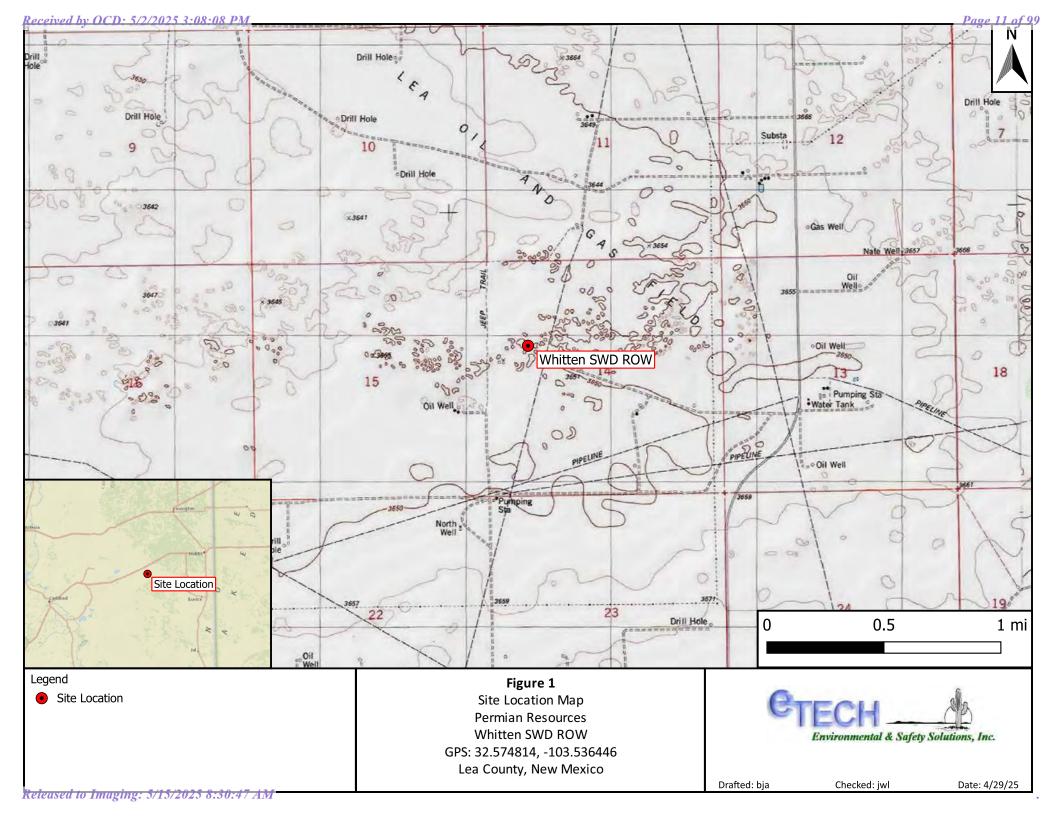
Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

#### United States Department of the Interior

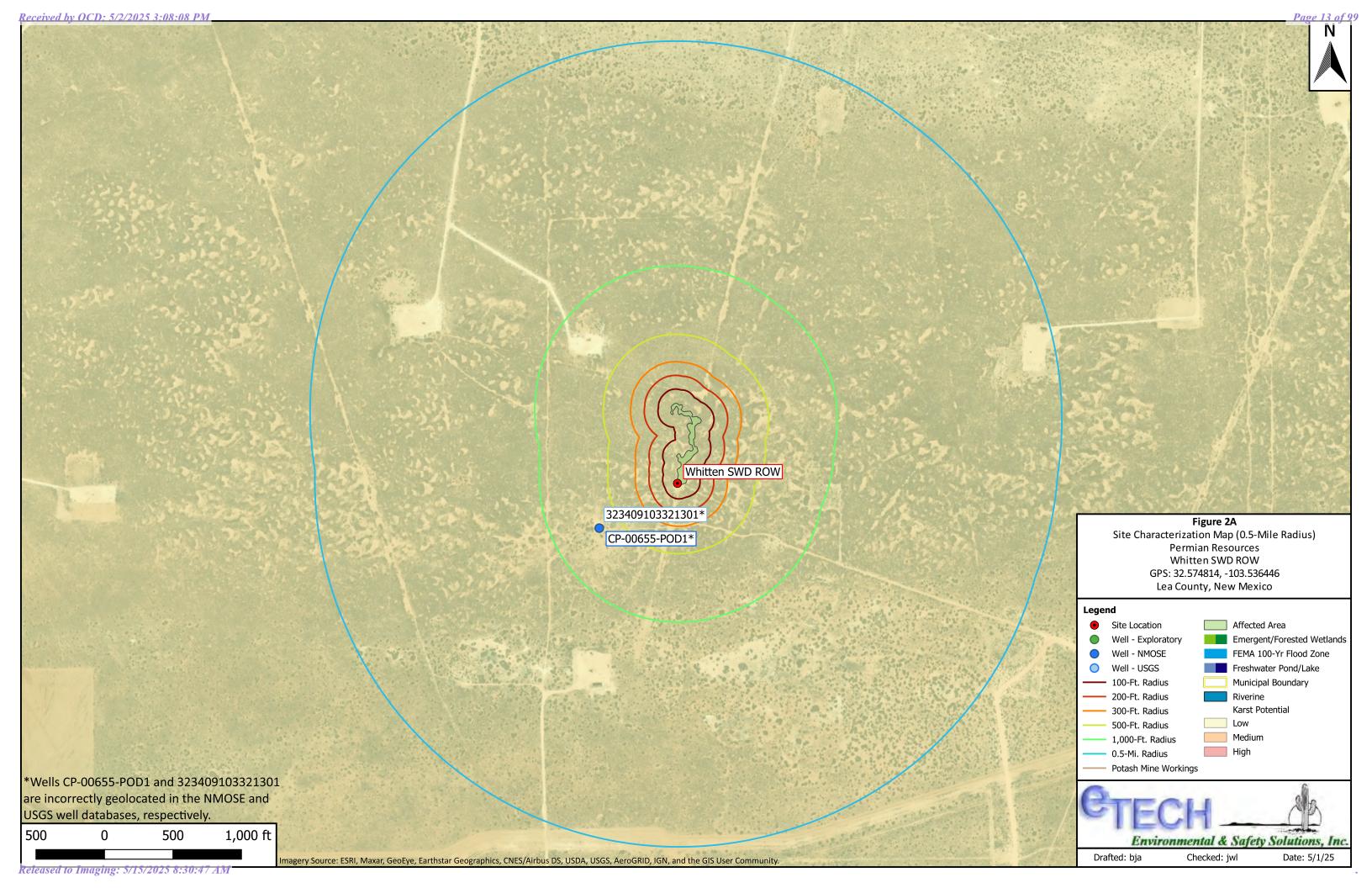
Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

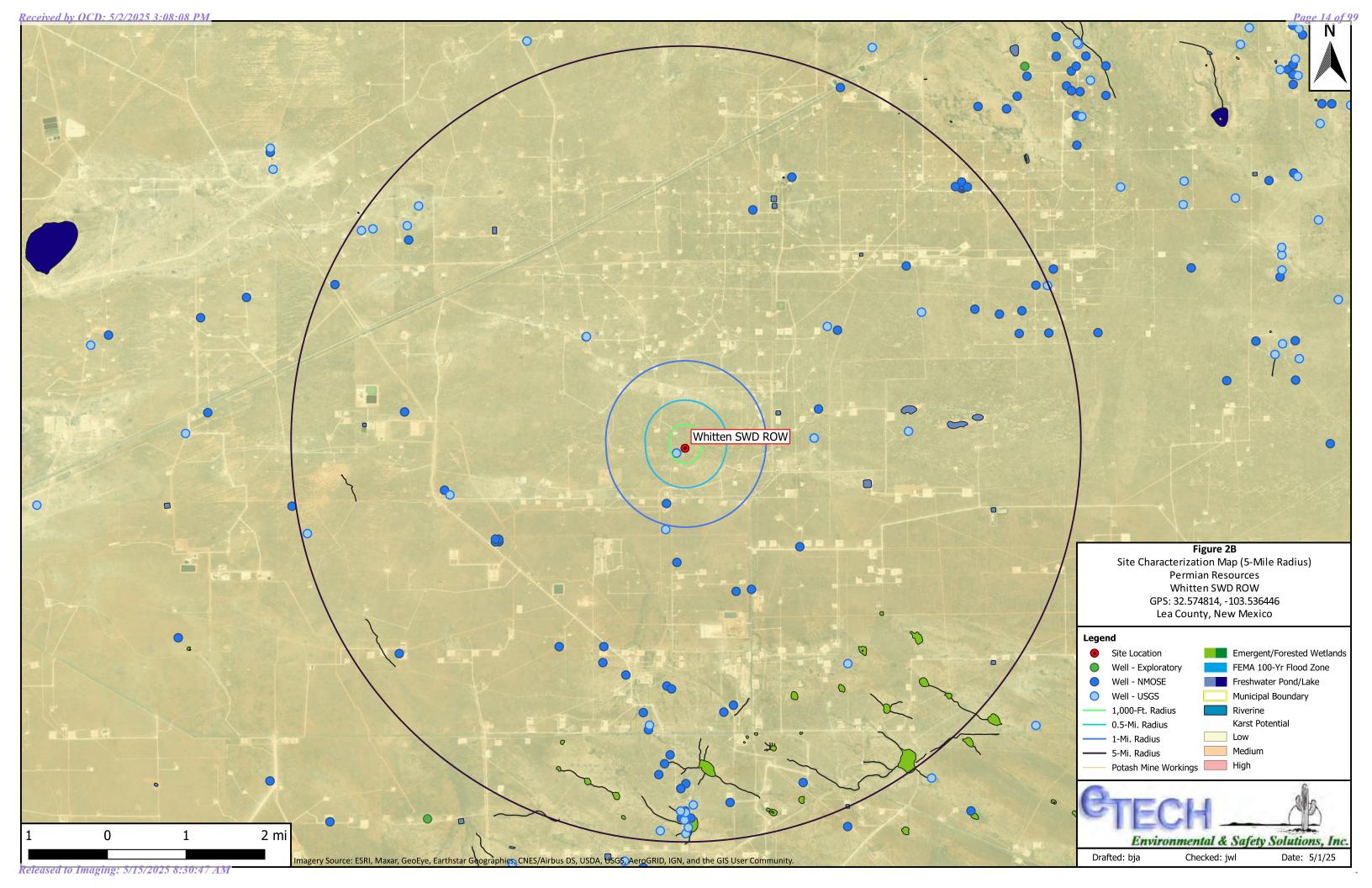
(Electronic Submission)

# Figure 1 Site Location Map

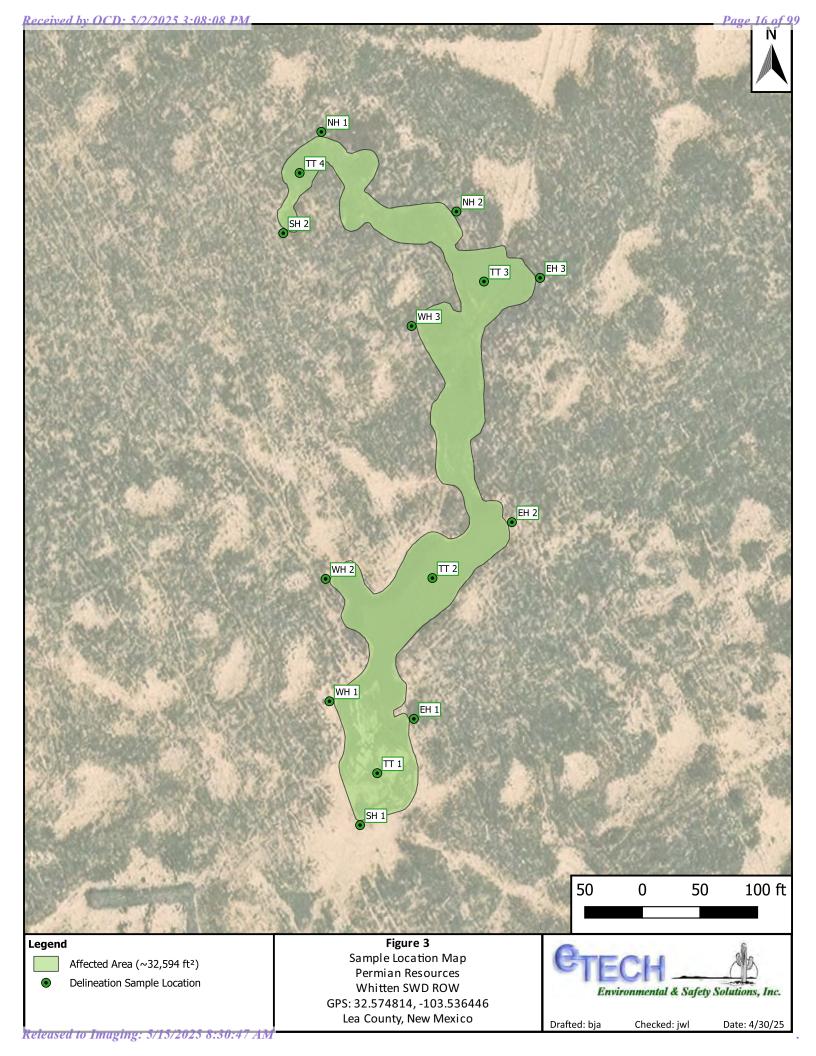


## Figures 2A & 2B Site Characterization Maps

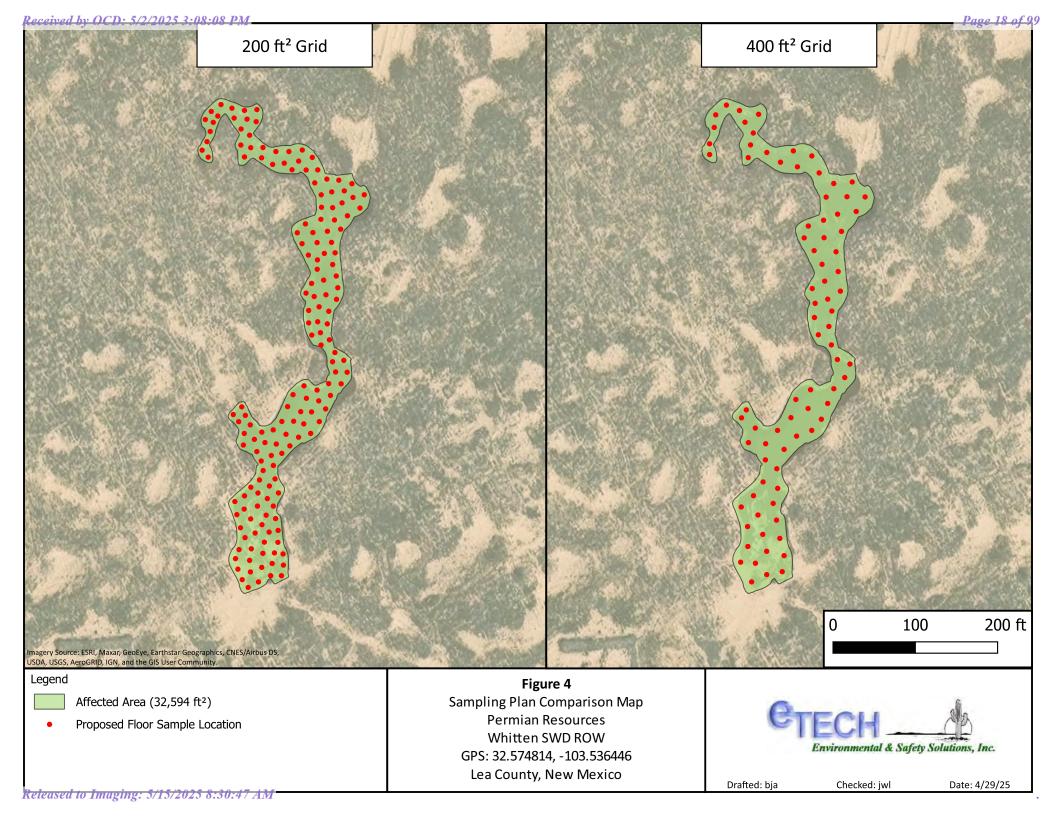




# Figure 3 Sample Location Map



# Figure 4 Sample Plan Comparison Map



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

#### Table 1

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

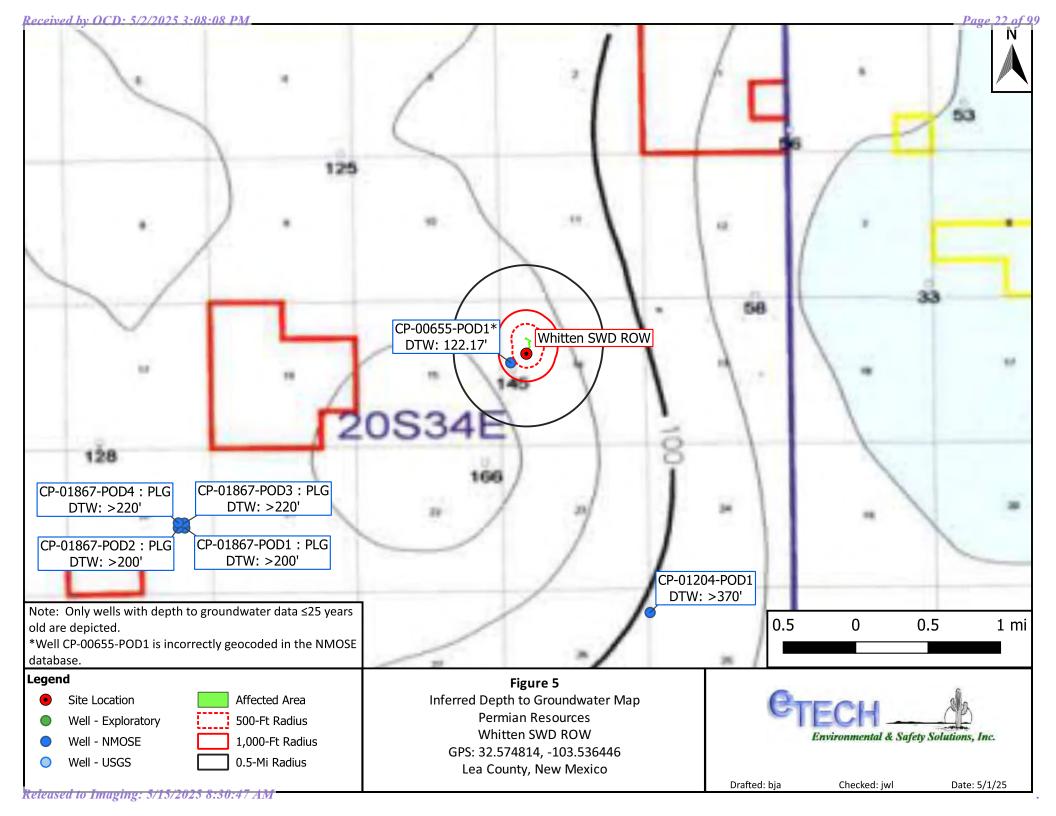
### **Permian Resources**

#### Whitten SWD ROW

#### NMOCD Ref. #: nAPP2429762272 & nAPP2503175872

NMO	CD Closure C	riteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
TT 1 @ 2'	3/11/2025	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	9,460
TT 1 @ 4'	3/11/2025	4	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
TT 2 @ 2'	3/11/2025	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	10,900
TT 2 @ 4'	3/11/2025	4	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	14,600
TT 3 @ 2'	3/11/2025	2	In-Situ	-	-	<10.0	<10.0	< 20.0	<10.0	<30.0	9,730
TT 3 @ 4'	3/11/2025	4	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
TT 4 @ 2'	3/11/2025	2	In-Situ	-	-	<10.0	<10.0	< 20.0	<10.0	<30.0	368
TT 4 @ 4'	3/11/2025	4	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
NH 1 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	<16.0
NH 1 @ 6'	3/12/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 2 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	<16.0
NH 2 @ 6'	3/12/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
EH 1 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EH 1 @ 6'	3/13/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	16.0
EH 2 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
EH 2 @ 6'	3/13/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	320
EH 3 @ 2'	3/13/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EH 3 @ 6'	3/13/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	368
SH 1 @ 2'	3/13/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	16.0
SH 1 @ 6'	3/13/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	48.0
SH 2 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	<16.0
SH 2 @ 6'	3/12/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
WH 1 @ 2'	3/13/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	240
WH 1 @ 6'	3/13/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WH 2 @ 6'	3/12/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 3 @ 2'	3/12/2025	2	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 3 @ 6'	3/12/2025	6	In-Situ	<10.0	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

# Appendix A Depth to Groundwater Information



## **Point of Diversion Summary**

				1=NW 2=N	NE 3=SW 4=SE t to largest				NAD83 UTM	in meters	
Well Tag	POD Nbr		Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
	CP 00655	POD1		SW	NW	14	20S	34E	637294.0	3605108.0 *	•
* UTM location	on was derived	from PL	.SS - see Help								
Driller Lice	ense: 122	2 <b>D</b> r	iller Comp	any:	UNKNOWN						
Driller Na	me:										
Drill Start	Date:	Dr	ill Finish D	ate:		Plu	g Date:				
Log File D	ate:	PC	CW Rcv Dat	e:		Sou	ırce:		Shallow		
Pump Typ	e:	Pi	pe Dischar	ge Size:		Est	imated	Yield:	7		
Casing Siz	<b>e:</b> 6.0	0 <b>D</b> e	epth Well:		210	De	oth Wa	ter:			

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

10/23/24 12:04 PM MST Point of Diversion Summary

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## **Groundwater Sampling Log**

				<u> </u>						
Project I	No. <u>21343</u>	3						)/23/24		
		<u>574193,-103</u>	.538281			\	Nell ID	CP 0065	5 POD1 / 323	<u> 3409103321301</u>
Weathe	r <u>Sunny/c</u>	lear				5	Sample	Collection	n Time N/A	
<ul> <li>□ 4</li> <li>□ 3</li> <li>□ 2</li> <li>□ 1</li> <li>□ <sup>3</sup>/<sub>4</sub></li> </ul>	4.08 .653 .367 .163 .041 .023	L/ft 15.44 2.47 1.39 .618 .154	Purao	•	gth (ft bls) n (ft bTOC) ater (ft bTOC) nn length (ft) e	( <u>(</u>	N/A 122.92 122.17 0.75 501.5 G	Sal	D for QA/Q0	
☐ Perist	Method	Grundfos	_	licated	□ Duplica	-	•	-	D for QA/QC	•
Bladd	_	Monsoon		osable	☐ MS/MS			IN/A		
☐ Bailer		] PDB	☐ Dec	ontaminated	☐ Equipm		ank			<u>—</u>
☐ Mons	oon				☐ Field BI	ank		-		<u> </u>
Field P	aramete	rs								
Time	Purge	Temp	рН	DO	Cond.	Turk	).	Redox	Flow	Drawdown
	(ml)	(°C)	(SU)	(mg/L)	(μmhos/cm)	(NTU	J)	(mV)	(mL/min)	(ft)
N/A										
Labora	tory Ana	alyses								
Analytic	al Parame	eter			Method		No. ottles	Bottle	Size/Type	Preservative
□ N/A										
	Well was	s measured	for depth	n to ground	water only. No	grour	ndwate	er sample	s were colle	ected.
Well sit	e is inco	rectly geolo	cated in	the NMOSI	E and USGS d	ataba	ises.			
Samplin	na Perso	nnel: Robbi	e Runne	le						

**Photo Number:** 

1

**Photo Direction:** 

Northeast

**Photo Description:** 

NMOSE well CP-00655-POD1 & USGS well 323409103321301.



**Photo Number:** 

2

**Photo Direction:** 

Northeast

**Photo Description:** 

NMOSE well CP-00655-POD1 & USGS well 323409103321301.



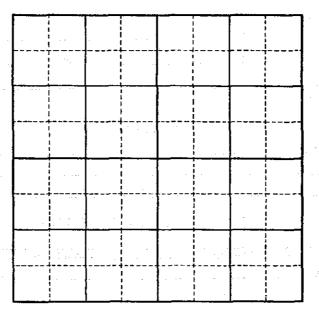
105440

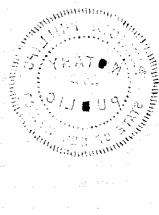
# Declaration of Owner of Underground Water Right

claration No	.01.035	Book					
I,Ma	rk Smith	ng is a full and		bei	ng first duly	sworn up	on my oath
on the reverse	gide of this form	n and submitted i	in evidence o	f ownership of	a valid und	erground v	water rignt
that I have car	refully read each	and all of the ite	ems contained	therein and tha	it the same	are true to	the best o
my knowledge	and benen.		77	Parto Ss	note	,	, declarant
Jannier III	Si denista						,
MC N P4/	All		, 7		10.1.	1	
Subscribed and	sworn to before	me this	10	day of	OUDMU	(f.()	A.D. 19 <u>8</u> 6
TARN	3.00	5-23-25		THO K	laca) 7	H. 000	125
My commission	expires	7-3-2-3		709.5		Nota	ry Public
M. P. IT IN COLOR	₩S <u>\$</u>						
<b>公</b> 人	T HILL	MAYK	STATEMENT				
Name of Cater	wight owner	MAYK	SMIL	<u> </u>	. <u>.</u>	<del></del>	
Of The South of th	$\sim$ Box 1	296, Loyingt	on, NM 8	8260.			
County of L	4.0		State	New	MEX	20	
County of		Shallo W	, , , , , , , , , , , , , , , , , , ,				
				w water basin)			<del>~~</del>
located in		Capitan Basi	n				
	(1,00	no or amaorground	Decounty, vencey,				
The well is loo	cated in the	ہر گہ	<u> </u>	N.K	<b>!</b> ¼,		¼
of section	14	, Township	20	South Rang	se <u>3</u> 4	East	_, N.M.P.M
		4 PPlic	a-NT		,		_,
on tand owned	. by	1011					' Δ
Description of	well: date drille	ed 1940	driller _	· ·	d	epth	fee
diameter (outs	side) of casing _	6inc	hes; original	flow		_ <b></b> ga	l, per min.
present flow		gal. per n	oin.: maximu	m pumping lift			feet
		Wind M					
таке апи туре	огришр	17776	· · · · ·				
Fractional or Quantity of w	percentage intere ater appropriated	st claimed in we		% 2	ACYA or acre feet	Feel	
Fractional or Quantity of w	percentage intere ater appropriated	st claimed in we	used	% 2 (feet depth	Acra	Feel	-
Fractional or Quantity of w for	percentage intere ater appropriated	st claimed in we and beneficially with water right	used	<b>%</b> 2 (feet depth	Acra	Feel	purposes
Fractional or Quantity of w for	percentage intere ater appropriated	st claimed in we	used	<b>%</b> 2 (feet depth	Acra	Feel	purposes
Fractional or Quantity of w for	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes
Fractional or Quantity of w for	percentage intere ater appropriated	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Feel	purposes
Fractional or Quantity of w for	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes
Fractional or Quantity of w for	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposesacres
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes acres
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes acres
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes acres
Fractional or Quantity of w for	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes acres
Fractional or Quantity of w for	percentage intere ater appropriated ater appropriated ater appropriated lly irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (greet depth  (greet depth)  (greet depth)  (greet depth)  (greet depth)	ACYA or acre feet	Fzel	purposes acres
Fractional or Quantity of w for Acreage actua located and d	percentage intere ater appropriated ally irrigated and escribed as follow	st claimed in we and beneficially with water right only	used	(feet depth  (get	Acra or acre feet	Feel per acre) Owner	purposes acres
Fractional or Quantity of w for	percentage intere ater appropriated ally irrigated and escribed as follow	st claimed in we and beneficially with water right vs (describe only Sec. T	used	(feet depth  (get	ACYA or acre feet	Feel per acre)  Owner	purposes acres
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Fractional or Quantity of w for Acreage actua located and d Si  (No Water was firshas been used	percentage intereater appropriated ally irrigated and escribed as followabdivision te: location of well st applied to benefully and continuous and continuous applied to benefully and continuous attachments.	and beneficially  with water right vs (describe only  Sec. T  and acreage actua eficial use	used	(feet depth  (feet depth  (feet depth  Acres Irrigated  ust be shown on  escribed lands of	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres
Fractional or Quantity of w for	percentage intereater appropriated ally irrigated and escribed as followabdivision te: location of well st applied to benefully and continuous and continuous applied to benefully and continuous attachments.	st claimed in we and beneficially with water right vs (describe only Sec. T	used	(feet depth  (feet depth  (feet depth  Acres Irrigated  ust be shown on  escribed lands of	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres
Fractional or Quantity of w for Acreage actua located and d Si  (No Water was firshas been used	percentage intereater appropriated ally irrigated and escribed as followabdivision te: location of well st applied to benefully and continuous and continuous applied to benefully and continuous attachments.	and beneficially  with water right vs (describe only  Sec. T  and acreage actua eficial use	used	(feet depth  (feet depth  (feet depth  Acres Irrigated  ust be shown on  escribed lands of	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres
Fractional or Quantity of w for Acreage actua located and d Si  (No Water was firshas been used	percentage intereater appropriated ally irrigated and escribed as followabdivision te: location of well st applied to benefully and continuous and continuous applied to benefully and continuous attachments.	and beneficially  with water right vs (describe only  Sec. T  and acreage actua eficial use	used	(feet depth  (feet depth  (feet depth  Acres Irrigated  ust be shown on  escribed lands of	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres
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Fractional or Quantity of w for Acreage actua located and d Si  (No Water was first has been used except as followed)	percentage intereater appropriated ally irrigated and escribed as follow abdivision  te: location of well st applied to benefully and continuows:	st claimed in we and beneficially with water right vs (describe only Sec. T	Ily irrigated m	(feet depth  (feet depth  (get	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres that time ed purposes
Fractional or Quantity of w for Acreage actua located and d Si  (No Water was first has been used except as followed)	percentage intereater appropriated ally irrigated and escribed as follow abdivision  te: location of well st applied to benefully and continuows:	st claimed in we and beneficially with water right vs (describe only Sec. T	Ily irrigated m /940  TO N  POD Rer	(feet depth  (feet depth  (get	ACYA or acre feet	per acre)  Owner  se side.)  and since	purposes acres  that time ed purposes

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) , Township , Range , N. M. P. M





#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in feet depth or acre feet of water per acre applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and the survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

Files: CP-653; CP-654; CP-655; CP-656;

CP-657; CP-658

Mark Smith Box 1296 Lovington, NM 88260

Dear Sir:

Enclosed are your copies of Declarations of Owner of Underground Water Right as numbered above, which have been filed for record in the office of the State Engineer.

Please refer to each individual number in all future correspondence concerning these declarations.

The filing of these declarations does not indicate affirmation or rejection of the statements contained therein.

Yours very truly,

Frank Bradley Basin Supervisor

FB/fh Encls.

cc: Santa Fe

**USGS Home Contact USGS** Search USGS

**National Water Information System: Web Interface** 

**USGS Water Resources** 

Data Category: Groundwater Geographic Area: United States

**∨** GO

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 323409103321301

Minimum number of levels = 1

Table of data

Save file of selected sites to local disk for future upload

#### USGS 323409103321301 20S.34E.14.13343

Lea County, New Mexico Latitude 32°34'24", Longitude 103°32'18" NAD27 Land-surface elevation 3,648.00 feet above NGVD29 The depth of the well is 230 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

#### **Output formats**

Tab-separated data												
Graph of data												
Reselect period												
Date \$	Time ≎	? Water- level   date-time accuracy	? Parameter   code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\datum\$	? Status	? Method of measurement	? Measuring \$ agency	? Source of measurement	? Water-level approval status	
			72019									
1968-03-21		D	72019	152.84			1	Z				Α
1971-02-03		D	72019	152.00			1	Z				Α
1972-10-02		D	72019	190.22			Р	Z				Α
1976-02-20		D	72019	155.03			1	Z				Α
1981-02-26		D	72019	155.36			Р	Z				Α

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Date \$ Time \$	? Water- level	? Parameter  code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring \$agency	? Source of measurement	? Water- level approval status	<b>\$</b>
1986-04-01	D	72019	152.01			1	Z				А
1996-02-02	D	72019	145.20			1	S				Α

#### Explanation

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

**Questions or Comments** <u>Help</u> Data Tips Explanation of terms Subscribe for system changes

Accessibility Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2025-04-30 16:38:23 EDT

0.32 0.23 nadww02

USA.gov

## Appendix B Photographic Log

**Photo Number:** 

1

**Photo Direction:** 

Overhead/Bird's Eye

Date:

10/23/2024

**Coordinates:** 

32.575731,-103.536069

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

2

**Photo Direction:** 

Northwest

Date:

10/23/2024

Coordinates:

32.575570,-103.535315

**Photo Description:** 



**Photo Number:** 

3

**Photo Direction:** 

North-Northeast

Date:

10/23/2024

**Coordinates:** 

32.574910,-103.536400

**Photo Description:** 



Aerial view of the affected area.

**Photo Number:** 

4

**Photo Direction:** 

Overhead/Bird's Eye

Date:

10/23/2024

**Coordinates:** 

32.576073,-103.536421

**Photo Description:** 



**Photo Number:** 

5

**Photo Direction:** 

Northwest

Date:

3/11/2025

Coordinates:

32.574629,-103.535915

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

6

**Photo Direction:** 

North-Northeast

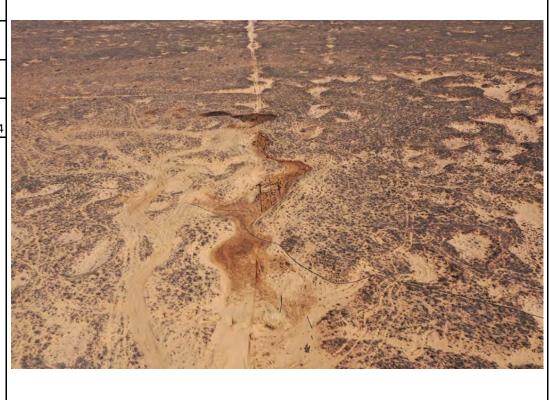
Date:

3/11/2025

**Coordinates:** 

32.574792,-103.536454

**Photo Description:** 



**Photo Number:** 

7

**Photo Direction:** 

Northwest

Date:

3/11/2025

**Coordinates:** 

32.576194,-103.535562

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

8

**Photo Direction:** 

Overhead/Bird's Eye

Date:

3/11/2025

**Coordinates:** 

32.575795,-103.536116

**Photo Description:** 



## Appendix C Laboratory Analytical Reports



March 18, 2025

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

RE: WHITTEN SWD ROW

Enclosed are the results of analyses for samples received by the laboratory on 03/12/25 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 03/12/2025 Sampling Date: 03/11/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Alyssa Parras

Project Location: PERMIAN 32.57508, -103.53642

## Sample ID: TT 1 @ 2' (H251472-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9460	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

#### Sample ID: TT 1 @ 4' (H251472-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.1	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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

Celeg & Freene



03/11/2025

Alyssa Parras

#### Analytical Results For:

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

Sampling Date:

Sample Received By:

1 4/

03/12/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact

Project Number: 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: TT 2 @ 2' (H251472-03)

Received:

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	95.4	% 40.6-15	3						

#### Sample ID: TT 2 @ 4' (H251472-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.6	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 03/12/2025 Sampling Date: 03/11/2025

Reported: 03/18/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Alyssa Parras

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: TT 3 @ 2' (H251472-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

#### Sample ID: TT 3 @ 4' (H251472-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

 Received:
 03/12/2025
 Sampling Date:
 03/11/2025

 Reported:
 03/18/2025
 Sampling Type:
 Soil

Reported: 03/18/2025 Sampling Type: Soil
Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact

Project Number: 21343 Sample Received By: Alyssa Parras

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: TT 4 @ 2' (H251472-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	91.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15	3						

#### Sample ID: TT 4 @ 4' (H251472-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	03/13/2025	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	101	200	2.57	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	200	100	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					
Surrogate: 1-Chlorooctane	96.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.0	% 40.6-15	3						

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Celeg D. Freene



#### **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



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

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

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P 2	1U	е	-1	OI	

Released to Imaging: 5/15/2025 8:30:47 AM

Company Name	: Etech Environmental & Safety Soluti	ons,	Inc.							BI	LL TO					ANA	LYSI	S RE	QUES	ST	
Project Manage	r: Joel Lowry							P.0	). #:									T	T		
Address: 261	7 West Marland							Cor	mpan	ıy:	Permian F	Resouces	1								
City: Hobbs	State: NM	Zip	):	882	40			Attı	n:		Matt Taylo	or									
Phone #: (57	5) 264-9884 Fax #:							Add	dress	:			1								
Project #: 217	200 21343 Project Owner	: 1	Pern	nian	Reso	urce	s	City	y:				1		<u>@</u>						
Project Name:	Tostada 7 State Com 302 Written	5	W	0	20	u	)	Sta	te:		Zip:		1 8	5 N	12						
Project Location	n: <del>32.411922, 103.402427</del> 32.575	108	-18	3.5	5 3 W	46	5	Pho	one #				Chloride	TPH (8015M)	(8021B)						
Sampler Name:								Fax	#:				烹	I	×						
FOR LAB USE ONLY		T.			MA	TRI	X.		PRES	ERV.	SAMP	LING	1	1	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
-	TT 1 @ 2'	G	1		X	$\overline{}$				(	3/11/25		Х	Х							
2	TT 1 @ 4'	G	1		X				)	(	3/11/25		Х	Х							
3	TT 2 @ 2'	G	1		X				)	(	3/11/25		Х	Х							
4	TT 2 @ 4'	G	1		X				)	(	3/11/25		Х	Х							
5	TT 3 @ 2'	G	1		X				)	(	3/11/25		Х	Х							
Q	TT 3 @ 4'	G	1		X				)	(	3/11/25		Х	Х							
7	TT 4 @ 2'	G	1		X				)	(	3/11/25		Х	X							
8	TT 4 @ 4'	G	1		X				)	(	3/11/25		Х	Х							
	and Damages. Cardinal's liability and client's exclusive remedy for a																				

Relinquished By:	Date: 3.12.25	Received By:		Verbal Result: ☐ Yes ☐ No. All Results are emailed. Please pro-	
Withhan	Time: 1455	Received By:			pm@etechenv.com
Relinquished By:	Date:	Received By:		REMARKS Project # 1	customer see Email.
(	Time:			contecta per	Speaking 3.1325
	Observed Temp. °C _	Yes Yes	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140	☐ Cool Intact Observed Temp. °C ☐ Yes ☐ Yes
		□ No □ No	MD	Correction Factor -8.6°C + 3 - 3 -	□ No □ No Corrected Temp. °C



March 20, 2025

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

RE: WHITTEN SWD ROW

Enclosed are the results of analyses for samples received by the laboratory on 03/14/25 15:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: NH 1 @ 2' (H251539-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	1.96	98.2	2.00	0.409	
Toluene*	<0.050	0.050	03/18/2025	ND	2.03	102	2.00	0.732	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	1.98	99.1	2.00	0.806	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	5.78	96.3	6.00	0.610	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Received: 03/14/2025

Reported: 03/20/2025

Project Name: WHITTEN SWD ROW

Project Number: 21343

Project Location: PERMIAN 32.57508, -103.53642 Sampling Date: 03/12/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

#### Sample ID: NH 2 @ 2' (H251539-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	1.96	98.2	2.00	0.409	
Toluene*	<0.050	0.050	03/18/2025	ND	2.03	102	2.00	0.732	
Ethylbenzene*	< 0.050	0.050	03/18/2025	ND	1.98	99.1	2.00	0.806	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	5.78	96.3	6.00	0.610	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: EH 1 @ 2' (H251539-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/17/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	< 0.050	0.050	03/17/2025	ND	2.56	128	2.00	2.89	QM-07
Total Xylenes*	<0.150	0.150	03/17/2025	ND	7.86	131	6.00	2.73	QM-07
Total BTEX	<0.300	0.300	03/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: EH 2 @ 2' (H251539-04)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: EH 3 @ 2' (H251539-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: SH 1 @ 2' (H251539-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: SH 2 @ 2' (H251539-07)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	109	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: WH 1 @ 2' (H251539-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15	3						

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#### Analytical Results For:

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

Tax

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: WH 2 @ 2' (H251539-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	209	104	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	190	94.9	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: WH 3 @ 2' (H251539-10)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: NH 1 @ 6' (H251539-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: NH 2 @ 6' (H251539-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	102 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: EH 1 @ 6' (H251539-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.5	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: EH 2 @ 6' (H251539-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	99.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.7	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 21343

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: EH 3 @ 6' (H251539-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	99.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.5	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

ma/ka

#### Sample ID: SH 1 @ 6' (H251539-16)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: SH 2 @ 6' (H251539-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/17/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/17/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.8	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Received: 03/14/2025 Sampling Date: 03/13/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: WH 1 @ 6' (H251539-18)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.4	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact Sample Received By: Project Number: 21343 Tamara Oldaker

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: WH 2 @ 6' (H251539-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 03/14/2025 Sampling Date: 03/12/2025

Reported: 03/20/2025 Sampling Type: Soil

Project Name: WHITTEN SWD ROW Sampling Condition: Cool & Intact
Project Number: 21343 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN 32.57508, -103.53642

#### Sample ID: WH 3 @ 6' (H251539-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.15	107	2.00	3.28	
Toluene*	<0.050	0.050	03/18/2025	ND	2.34	117	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.56	128	2.00	2.89	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	7.86	131	6.00	2.73	
Total BTEX	<0.300	0.300	03/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	192	96.0	200	0.729	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	186	93.0	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.4	% 40.6-15	3						

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## **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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

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

**CARDINAL** Laboratories

Page 1 of 2

Released to Imaging: 5/15/2025 8:30:47 AM

Company Name	: Etech Environment	al & Safety Solution	is, l	nc.						BIL	LL TO					ANAL	YSIS	REC	QUES	Γ	
Project Manage	r: Joel Lowry							P.O	). #:												
Address: 261	7 West Marland							Cor	mpany	:	Permian F	Resouces	1								
City: Hobbs		State: NM	Zip:	8	8240	)		Att	n:		Matt Taylo	or									
Phone #: (57	5) 264-9884	Fax #:						Add	dress:												
Project #: 213	143	Project Owner:	P	ermia	an Re	sourc	es	City	y:				1	=	m l						
	Whitten SWD ROW							Sta			Zip:		9	5N	(8021B)						
	n: 32.57508, -103.536	342						Pho	one #:		•		Ę	301	8						
Sampler Name:								Fax					Chloride	TPH (8015M)	×						
FOR LAB USE ONLY	1	1				MATR	IX	-	PRESE	RV.	SAMP	LING	10	핕	ВТЕХ						
Lab I.D. <i>H25</i> 7539	Sample I	.D.	(G)RAB OR (C)OMF	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
1	NH 1 @ 2'		G	1		X			X		3/12/25		Х	Х	Х						
	NH 2 @ 2'		G	1		X			X		3/12/25		Х	Х	Х						
3	EH 1 @ 2'		G	1		X	1	Ш	X		3/12/25		Х	Х	Х						
4	EH 2 @ 2'		G	1		X		Ш	X		3/12/25		X	Х	X						
5	EH 3 @ 2'		G	1		X	1		X		3/13/25		Х	Х	Х						
6	SH 1 @ 2'		G	1		X			X		3/13/25		Х	Х	Х						
7	SH 2 @ 2'		G	1		X			Х		3/12/25		Х	Х	Х						
8	WH 1 @ 2'		G	1		X			X		3/13/25		Х	Х	х						
8	WH 2 @ 2'		G	1		X			X		3/12/25		Х	Х	х						
ic	WH 3 @ 2'		G	1		X			X		3/12/25		X	X	х						

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

Relinquished By	Date: Receive	ed By:	//1/1/	Verbal Result: ☐ Ye	s 🗆 No	Add'l	Phone #:
1/1/14	3-14-25	112		All Results are emailed.	Please provid	le Ema	il address:
Manne	Time: 48	Meller L	llda se		р	m@et	echenv.com
Relinguished By:	Date: Receive	ed By:	40)	REMARKS:			
	Time:						
						-	
Delivered By: (Circle One)	Observed Temp. °C // O	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	X	Bacteria (only) Sample Condition
	-11.	Cool Intact	(Initials)		Rush		Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C /0.7	Yes Yes	00	Thermometer ID #140	1226		Yes Yes
	-10.1	□ No □ No	V < 1	Correction Factor -5.6°C	-0,56		☐ No ☐ No Corrected Temp. °C

Received by OCD: 5/2/2025 3:08:08 PM

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

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

Company Name	: Etech Environmental & Safety Soluti	ons,	nc.						BI	LL TO					ANALYSIS	REQUES	ST	
Project Manage	r: Joel Lowry						P.	O. #:									T	
Address: 261	7 West Marland						C	ompa	ny:	Permian F	Resouces							
City: Hobbs	State: NM	Zip	:	8824	10		At	tn:		Matt Taylo	or							
Phone #: (57	5) 264-9884 Fax #:						Ad	dres	s:									
Project #: 213	Project Owner	: F	<sup>2</sup> em	nian F	Resou	rces	Ci	ty:					=	m l				
Project Name:	Whitten SWD ROW						St	ate:		Zip:		흥	TPH (8015M)	(8021B)				
Project Location	n: 32.57508, -103.53642						PI	none	#:			Chloride	80	88				
Sampler Name:	Addison Elston						Fa	ax #:				롯	H	×				
FOR LAB USE ONLY		T.	П		MA	TRIX		PRE	SERV.	SAMP	LING	٦	교	ВТЕХ				
Lab I.D. H251539	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME							
11	NH 1 @ 6'	G	1		X				X	3/12/25		Х	Х	Х				
-	NH 2 @ 6'	G	1		X		1		X	3/12/25		Х	Х	X				
. 7	EU 4 @ 6!																	
12	EH 1 @ 6'	G	1		X		_		X	3/13/25		Х	Х	Х				 
1.7	EH 2 @ 6'	G	1		X		+		X	3/13/25 3/13/25		X	X	X				
1.7	EH 2 @ 6' EH 3 @ 6'	G G	1 1		X				x x									
1.7	EH 2 @ 6' EH 3 @ 6' SH 1 @ 6'	G G	1 1 1		X X X				x x	3/13/25		х	Х	х				
14 15 16 17	EH 2 @ 6' EH 3 @ 6' SH 1 @ 6' SH 2 @ 6'	G G G	1 1 1 1		X X X				X X X	3/13/25 3/13/25 3/13/25 3/12/25		x	X X X	X X X				
14 15 16 17 18	EH 2 @ 6' EH 3 @ 6' SH 1 @ 6' SH 2 @ 6' WH 1 @ 6'	G G G G	1 1 1 1 1		X X X X				X X X X	3/13/25 3/13/25 3/13/25 3/12/25 3/13/25		X X X X	X X X	X X X X				
14 15 16 17 18	EH 2 @ 6' EH 3 @ 6' SH 1 @ 6' SH 2 @ 6'	G G G	1 1 1 1 1		X X X				X X X	3/13/25 3/13/25 3/13/25 3/12/25		X X X	X X X	X X X				

Relinquished By:	Date: Recei	ived By:	Ma Hay	Verbal Result: ☐ Y All Results are emailed	. Please provid	te Emai	Phone #: I address: echenv.com
Relinquished By:	Date: Recei	AUMULU CA ived By:	naxin	REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C //. O Corrected Temp. °C //. 7	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

# **Appendix D Sampling Notifications**

ETECH (ENVIRONMENTAL FOR SPUR ENERGY PARTNERS LLC)

Searches

**Operator Data** 

Submissions

Administration

# **OCD Permitting**

Operator Data

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444903

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

APPROVED

Status Date:

03/24/2025

References (1):

nAPP2429762272

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2429762272

Incident Name

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Type Incident Status Produced Water Release Initial C-141 Approved

#### **Location of Release Source**

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

10/23/2024 Federal

#### **Sampling Event General Information**

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

03/26/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Please provide any information necessary for observers to contact samplers

Addison Elston 432-236-1152

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.504)

ETECH (ENVIRONMENTAL FOR SPUR ENERGY PARTNERS LLC) SIGN OUT HELP

Comments
No comments found for this submission.

Conditions
Summary:

mtaylopyr (3/24/2025). Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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ETECH (ENVIRONMENTAL FOR SPUR ENERGY PARTNERS LLC)

Searches

**Operator Data** 

Submissions

Administration

# **OCD Permitting**

Operator Data

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444905

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

APPROVED

Status Date:

03/24/2025

References (1):

nAPP2429762272

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2429762272

Incident Name

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Type Incident Status Produced Water Release Initial C-141 Approved

#### **Location of Release Source**

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

10/23/2024 Federal

#### **Sampling Event General Information**

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

03/28/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head

mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.504)

ETECH (ENVIRONMENTAL FOR SPUR ENERGY PARTNERS LLC) SIGN OUT HELP

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (2/24/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19:15:29:12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

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Searches

**Operator Data** 

Districts:

Counties:

Submissions

Administration

# **OCD Permitting**

Home Operator Data

Action Status

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 44

444906

[372165] Permian Resources Operating, LLC

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

Operator:

Description:

APPROVED

Status Date:

03/24/2025

References (1):

nAPP2429762272

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2429762272

Incident Name

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

10/23/2024 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

03/31/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501).

		Searches	Operator Data	Submissions	Administration
Comments					
No comments found f	or this submission.				
Conditions					
Summary:	mtaylorpr (3/24/2025), Failure to notify the OCD of sampling events i remediation closure samples not being accepted.	ncluding any changes in d	ate/time per the requireme	ents of 19.15.29.12.D.(1).	(a) NMAC, may result in the
Reasons					
No reasons found for	this submission.				
Go Back					

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Searches

**Operator Data** 

Submissions

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# **OCD Permitting**

Home Operator Data

ta Action

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 444911

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

APPROVED

Status Date:
References (1):

03/24/2025 nAPP2429762272

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Name
Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

nAPP2429762272

#### Location of Release Source

Site Name

Whitten SWD ROW

Date Release Discovered

10/23/2024

Surface Owner

Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

What is the estimated number of samples that will be gathered

30,000 150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

150

19.15.29.12 NMAC

Time sampling will commence

07:00 AM

04/02/2025

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Addison Elston 432-236-1152

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head mit then W for 1.19 mit then N for 0.06 mit to arrive at the Witten SWD ROW release area (32.57508), a use a state of the release area (32.57508).

mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, - 103.53)

Comments
No comments found for this submission.

Conditions
Summary:

mtayloury (324/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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Searches

**Operator Data** 

Districts:

Counties:

Submissions

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Administration

# **OCD Permitting**

Home Operator Data

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Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444912

Description:

[372165] Permian Resources Operating, LLC
Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

Operator:

APPROVED

Status Date: References (1): 03/24/2025 nAPP2429762272

Forms

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2429762272

Incident Name

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

10/23/2024 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

04/04/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head

mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501

Comments

No comments found for this submission.

Conditions

Summary:

mlaylopyr (3/24/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

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Searches

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# **OCD Permitting**

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Operator Data Actio

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 444

444914

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2429762272

Status:

APPROVED

Status Date:
References (1):

03/24/2025 nAPP2429762272

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2429762272

Incident Name

NAPP2429762272 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

10/23/2024 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

04/07/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501).

Comments
No comments found for this submission.

Conditions
Summary:

mtsylonyr (3/24/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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Lea

Searches

**Operator Data** 

Districts:

Counties:

Submissions

Administration

# **OCD Permitting**

Operator Data

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444892

[372165] Permian Resources Operating, LLC

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2503175872

Status:

Operator:

APPROVED

Status Date: References (1): 03/24/2025 nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2503175872

Incident Name

NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type Incident Status Produced Water Release Initial C-141 Approved

#### **Location of Release Source**

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

01/31/2025 Federal

#### **Sampling Event General Information**

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

03/26/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head

mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.504)

Comments
No comments found for this submission.

Conditions
Summary:

mtsylonyr (3/24/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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Searches

**Operator Data** 

Submissions

Administration

# **OCD Permitting**

Home Operator Data

Action Sta

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 444894

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2503175872

Status:

APPROVED

Status Date:
References (1):

03/24/2025

nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2503175872

Incident Name

NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

01/31/2025 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

03/28/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

07:00 AM

Please provide any information necessary for observers to contact samplers

Addison Elston 432-236-1152

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501).

		Searches	Operator Data	Submissions	Administration
Comments					
No comments found fo	or this submission.				
Conditions					
Summary:	mtaylorpr (3/24/2025), Failure to notify the OCD of sampling events remediation closure samples not being accepted.	including any changes in d	late/time per the requireme	ents of 19.15.29.12.D.(1).	(a) NMAC, may result in the
Reasons					
No reasons found for t	this submission.				
Go Back					

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Hobbs

Searches

**Operator Data** 

Submissions

Administration

# **OCD Permitting**

Home Operator Data

Action Status

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 444895

Districts:

Operator: [372165] Permian Resources Operating, LLC Counties: Lea

**Description:** Permian Resources Operating, LLC [372165]

, Whitten SWD ROW , nAPP2503175872

Status: APPROVED

Status Date: 03/24/2025

**References (1):** nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#) nAPP2503175872

Incident Name NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type Produced Water Release
Incident Status Initial C-141 Approved

#### Location of Release Source

Site Name Whitten SWD ROW

Date Release Discovered 01/31/2025
Surface Owner Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet 30,000

What is the estimated number of samples that will be gathered 150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

19.15.29.12 NMAC

Time sampling will commence 07:00 AM

Please provide any information necessary for observers to contact samplers Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Priving Directions - From the inte

03/31/2025

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501

Comments
No comments found for this submission.

Conditions
Summary:

mtaylorpr (324/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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Hobbs

Lea

Searches

**Operator Data** 

Districts:

Counties:

Submissions

Administration

# **OCD Permitting**

Home O

Operator Data

Action Status

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID: 444

444897

[372165] Permian Resources Operating, LLC

Description:

Operator:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2503175872

Status:

APPROVED

Status Date: References (1): 03/24/2025 nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2503175872

Incident Name

NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

01/31/2025 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

04/02/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501).

Comments
No comments found for this submission.

Conditions
Summary:

mtsylopyr (3/24/2025). Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons
No reasons found for this submission.

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Searches

**Operator Data** 

Submissions

Administration

## **OCD Permitting**

Home Operator Data

Action Status

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444900

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2503175872

Status:

APPROVED

Status Date:

03/24/2025

References (1):

nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2503175872

Incident Name

NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type
Incident Status

Produced Water Release Initial C-141 Approved

#### Location of Release Source

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

01/31/2025 Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

04/04/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), heac mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.501).

Comments
No comments found for this submission.

Conditions
Summary:
mtaylorpr (3/24/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation dosure samples not being accepted.

Reasons
No reasons found for this submission.

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ETECH (ENVIRONMENTAL FOR SPUR ENERGY PARTNERS LLC)

Searches

**Operator Data** 

Submissions

Administration

## **OCD Permitting**

Operator Data

Action Search Results

Action Status Item Details

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

#### Submission Information

Submission ID:

444902

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, Whitten SWD ROW

, nAPP2503175872

Status:

APPROVED

Status Date:

03/24/2025

References (1):

nAPP2503175872

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2503175872

Incident Name

NAPP2503175872 WHITTEN SWD ROW @ 0

Incident Type Incident Status Produced Water Release Initial C-141 Approved

#### **Location of Release Source**

Site Name

Surface Owner

Whitten SWD ROW

Date Release Discovered

01/31/2025 Federal

#### **Sampling Event General Information**

Please answer all the questions in this group.

What is the sampling surface area in square feet

30,000

What is the estimated number of samples that will be gathered

150

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

04/07/2025

19.15.29.12 NMAC

07:00 AM

Time sampling will commence

Addison Elston 432-236-1152

Please provide any information necessary for observers to contact samplers Please provide any information necessary for navigation to sampling site

Driving Directions - From the intersection of US-62 and Co Rd 27-A (32.635257, -103.515500), head mi, then W for 1.19 mi, then N for 0.06 mi to arrive at the Witten SWD ROW release area (32.575080, -103.504)

		Searches	Operator Data	Submissions	Administration
Comments					
No comments found for	this submission.				
Conditions					
Summary:	mtaylorpr (3/24/2025), Failure to notify the OCD of sampling events in remediation closure samples not being accepted.	cluding any changes in c	late/time per the requireme	ents of 19.15.29.12.D.(1).	(a) NMAC, may result in the
Reasons					
No reasons found for th	is submission.				
Co Pook					

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Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
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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

Action 458061

#### QUESTIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	458061
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Prerequisites	
Incident ID (n#) nAPP2503175872	
Incident Name	NAPP2503175872 WHITTEN SWD ROW @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source		
Please answer all the questions in this group.		
Site Name	WHITTEN SWD ROW	
Date Release Discovered	01/31/2025	
Surface Owner	Federal	

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Crude Oil   Released: 295 BBL   Recovered: 210 BBL   Lost: 85 BBL.	
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 2,659 BBL (Unknown Released Amount)   Recovered: 1,890 BBL   Lost: 769 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Action 458061

<b>QUESTIONS</b>	(continued)
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	- (	
Operator: Permian Resources Operating, LLC	OGRID: 372165	
300 N. Marienfeld St Ste 1000	Action Number:	
Midland, TX 79701	458061	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
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 s	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.	
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 02/06/2025	

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

QUESTIONS, Page 3

Action 458061

### QUESTIONS (continued)

ı	Operator:	OGRID:
ı	Permian Resources Operating, LLC	372165
ı	300 N. Marienfeld St Ste 1000	Action Number:
ı	Midland, TX 79701	458061
ı		Action Type:
ı		[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

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

Remediation Plan			
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
Requesting a remediation	plan approval with this submission	Yes	
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination a	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	al extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area		No	
Soil Contamination Sampling	Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	14600	
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	30	
GRO+DRO	(EPA SW-846 Method 8015M)	20	
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3	
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1	
	NMAC unless the site characterization report includes completed onelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence		04/28/2025	
On what date will (or did) the final sampling or liner inspection occur		06/13/2025	
On what date will (or was)	the remediation complete(d)	06/27/2025	
What is the estimated surface area (in square feet) that will be reclaimed		32594	
What is the estimated volume (in cubic yards) that will be reclaimed		6300	
What is the estimated surfa	ace area (in square feet) that will be remediated	32594	
What is the estimated volume (in cubic yards) that will be remediated		3600	
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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 458061

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	458061
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### 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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Matthew Taylor
Title: Environmental Coordinator
Email: matthew.taylor@permianres.com
Date: 05/02/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 5/15/2025 8:30:47 AM

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

QUESTIONS, Page 5

Action 458061

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	458061
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Action 458061

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	458061
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	462477	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/19/2025	
What was the (estimated) number of samples that were to be gathered	145	
What was the sampling surface area in square feet	29000	

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

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

CONDITIONS

Action 458061

#### **CONDITIONS**

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	458061
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

Created B	/ Condition	Condition Date
rhamlet	The Remediation Plan is 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 from Table 1 of the OCD Spill Rule 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. All sidewall samples should be taken from the sidewall of the excavation. The Variance Request for 400 ft2 floor confirmation sample size is approved. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	5/15/2025